

# Converting Colors

HunterLab(90.4362, -47.5924,  
38.4556)

Have a look what the booklet for  
HunterLab(90.4362, -47.5924,  
38.4556) contains.

<b>HunterLab(90.1863, -47.2310, 38.1790)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(90.1863,  
-47.2310, 38.1790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4FF8D
RGB	164, 255, 141
RGB Percent	64%, 100%, 55%
CMY	0.3569, 0.0000, 0.4470
CMYK	0.36, 0.00, 0.45, 0.00
HSL	108°, 100%, 78%
HSV	108°, 45%, 100%
XYZ	55.8776, 81.3357, 37.9537
YIQ	214.7950, -17.6420, -54.7460

# Conversions

## Conversions Part 2

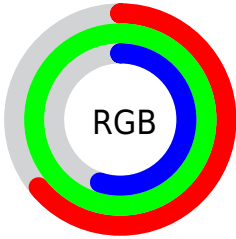
Format	Color
<a href="#">RYB</a>	<a href="#">141, 255, 232</a>
Decimal	<a href="#">10813325</a>
CIELab	<a href="#">92.28, -47.87, 45.94</a>
CIELCh	<a href="#">92, 66.342, 136.179</a>
Yxy	<a href="#">81.3358, 0.3190, 0.4643</a>
Android (android.graphics.Color)	<a href="#">4289003405 (0xFFA4FF8D)</a>
YUV	<a href="#">214.7950, -36.3809, -44.5472</a>
Hunter-Lab	<a href="#">90.1863, -47.2310, 38.1790</a>

# Details

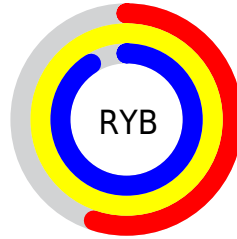
The HunterLab color **90.1863, -47.2310, 38.1790** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65.8992, 49.5133, -43.6457**, and the grayscale version is **82.5037, -4.4022, 4.4826**.

A 20% lighter version of the original color is **95.4123, -25.0730, 25.9009**, and **66.4970, -41.1577, 32.0227** is the 20% darker color. If you saturate the color by 10%, you get **88.6943, -53.9380, 42.7645**, and if you desaturate by 10%, it is **91.9381, -39.4651, 32.5391**.

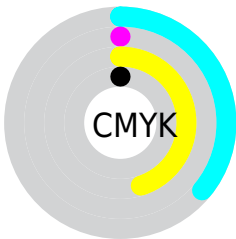
# Distribution



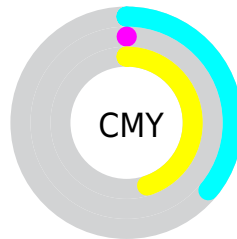
- Red (64%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.1863, -47.2310, 38.1790 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 90.1863, -47.2310, 38.1790 by changing the saturation by 10% instead.





 90.1863, -47.2310,  
38.1790


 90.1863, -47.2310,  
38.1790


223.4778,  
-72.1393, 62.8560

 77.9860, -44.1385,  
35.0923


 116.2937,  
-53.1437, 44.0647

 66.3916, -40.9304,  
31.8857


 130.1536,  
-55.9934, 46.8944

 55.4366, -37.5785,  
28.5329


144.5243,  
-58.7862, 49.6634

 45.1608, -34.0451,  
25.0013

159.3881,  
-61.5303, 52.3802

 35.6125, -30.2768,  
21.2508

174.7291,  
-64.2324, 55.0523

 26.8520, -26.1934,  
17.2957

190.5330,

 18.9577, -21.6688,

-66.8982, 57.6856

13.2704

206.7866,  
-69.5324, 60.2854

■ 12.0380, -19.2317,  
8.4266

■ 5.0250, -8.7938,  
3.5175

■ 90.1863, -47.2310,  
38.1790

■ 90.1863, -47.2310,  
38.1790

■ 88.6943, -53.9380,  
42.7645

■ 91.9381, -39.4651,  
32.5391

■ 87.4589, -59.5456,  
46.2914

■ 93.9490, -30.7057,  
25.8803

■ 86.4729, -64.0400,  
48.7856

■ 96.2156, -21.0321,  
18.2554

■ 85.7242, -67.4424,  
50.3144

■ 98.7320, -10.5336,  
9.7321

■ 85.1949, -69.8162, 100.0000, -5.3358,  
50.9975 5.4332

■ 84.9914, -70.7170,  
51.1333

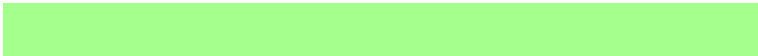
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1863, -22.2870, 46.4894



90.1863, -47.2310, 38.1790



90.1863, -59.8324, 18.5132

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.1863, -47.2305, 38.1782



90.1863, -19.8804, -78.5517



90.1863, 66.7899, 20.5479

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90.1863, -47.2310, 38.1790



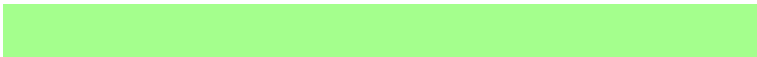
65.8992, 49.5133, -43.6457

# Split Complementary

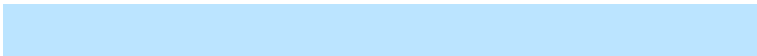
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1863, 67.6888, -11.2124



90.1863, -47.2310, 38.1790



90.1863, 14.0933, -77.3588

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.1863, -47.2305, 38.1782



90.1863, -45.6940, -52.3368



90.1863, 47.2527, -49.5087



90.1863, 44.9529, 39.1911



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.1863, -47.2310, 38.1790



90.1863, -60.9501, -2.0306



90.1863, 47.2527, -49.5087



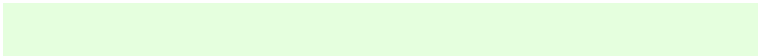
90.1863, 69.6501, 11.3377

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90.1863, -47.2305, 38.1782



96.6271, -19.2984, 16.8640



89.4116, -7.8823, 38.2462



44.4583, -9.9648, 8.6333

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

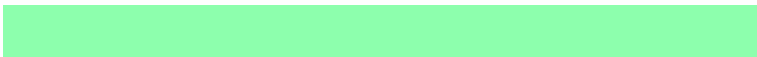
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1863, -47.2305, 38.1782



88.7910, -53.5011, 42.4761



89.5611, -48.4748, 28.0643



45.1049, -7.2496, 6.4450



61.4768, -50.9471, 36.9898



19.2955, -15.4203, 11.6198



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.8992, 49.5133, -43.6457



60.3154, 60.7529, -54.7698



67.5443, 51.0481, -18.5810



42.5493, 2.7821, -1.9497



32.4232, 67.1609, -69.2427

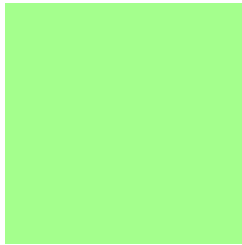


10.3357, 21.2540, -20.8702



# Previews

## White Background



This preview shows how the HunterLab color 90.1863, -47.2310, 38.1790 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

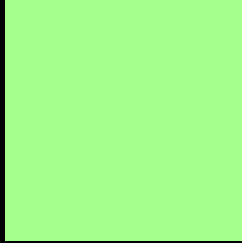
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.1863, -47.2310, 38.1790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

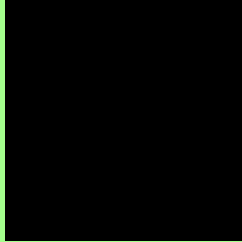
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

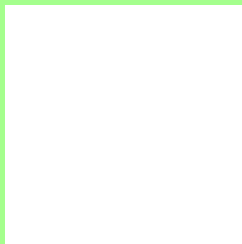
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 90.1863, -47.2310, 38.1790 Background



This preview shows how black text looks on a background with the HunterLab color 90.1863, -47.2310, 38.1790.



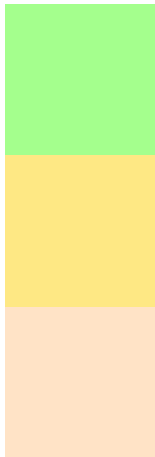
This preview shows how white text looks on a background with the HunterLab color 90.1863, -47.2310, 38.1790.

-47.2310, 38.1790.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

90.1863, -47.2310, 38.1790

### Protanopia

89.6939, -9.9068, 40.6655

### Deuteranopia

89.5965, 0.4000, 19.8616



## Tritanopia

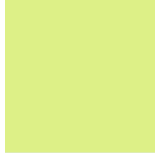
89.8269, -14.7550, -7.3529

# Trichromacy



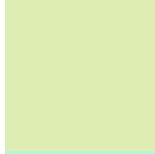
## Original Color

90.1863, -47.2310, 38.1790



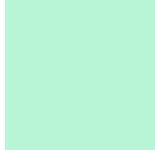
## Protanomaly

89.1300, -25.0975, 39.2344



## Deuteranomaly

89.0350, -18.7927, 26.8351



## Tritanomaly

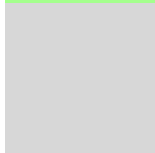
89.6383, -28.3119, 12.6596

# Monochromacy



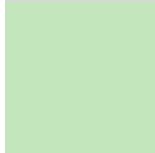
## Original Color

90.1863, -47.2310, 38.1790



## Achromatopsia

82.4344, -4.3985, 4.4788



## Achromatomaly

84.8294, -21.9058, 18.6349

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.1863, -47.2310, 38.1790 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(164, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(164, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 141) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.1863, -47.2310, 38.1790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 255, 141) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(164, 255, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(164, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
141) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.1863, -47.2310, 38.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(164,  
255, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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