

Converting Colors

HunterLab(90.7210, -46.1886,
46.8780)

Have a look what the booklet for
HunterLab(90.7210, -46.1886,
46.8780) contains.

HunterLab(90.7210, -46.1886, 46.8780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(90.7210,
-46.1886, 46.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FF66
RGB	181, 255, 102
RGB Percent	71%, 100%, 40%
CMY	0.2902, 0.0000, 0.6000
CMYK	0.29, 0.00, 0.60, 0.00
HSL	89°, 100%, 70%
HSV	89°, 60%, 100%
XYZ	57.2143, 82.3030, 25.4409
YIQ	215.4320, 5.0090, -63.2710

Conversions

Conversions Part 2

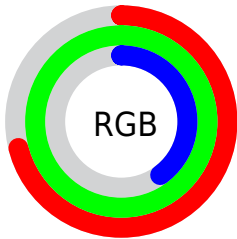
Format	Color
RYB	102, 255, 176
Decimal	11927398
CIELab	92.71, -46.40, 64.24
CIElCh	93, 79.245, 125.837
Yxy	82.3031, 0.3468, 0.4989
Android (android.graphics.Color)	4290117478 (0xFFB5FF66)
YUV	215.4320, -55.9220, -30.1969
Hunter-Lab	90.7210, -46.1886, 46.8780

Details

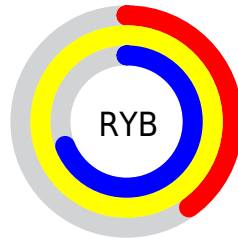
The HunterLab color **90.7210, -46.1886, 46.8780** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **50.9453, 53.4743, -77.7757**, and the grayscale version is **82.8537, -4.4209, 4.5016**.

A 20% lighter version of the original color is **96.1841, -23.8160, 38.9114**, and **66.9186, -40.2402, 38.4192** is the 20% darker color. If you saturate the color by 10%, you get **89.6922, -50.7422, 49.7988**, and if you desaturate by 10%, it is **91.8950, -40.9656, 42.8420**.

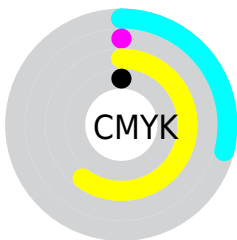
Distribution



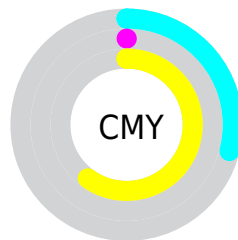
- Red (71%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (69%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 90.7210, -46.1886, 46.8780 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 90.7210, -46.1886, 46.8780 by changing the saturation by 10% instead.


 90.7210, -46.1886,
46.8780


 90.7210, -46.1886,
46.8780


224.2010,
-70.5010, 79.3113

 78.4955, -43.1813,
42.7220


 116.8756,
-51.9468, 54.7507

 66.8745, -40.0642,
38.3903


 130.7578,
-54.7252, 58.5066

 55.8914, -36.8111,
33.8550


 145.1499,
-57.4499, 62.1623

 45.5857, -33.3861,
29.0883

 160.0344,
-60.1289, 65.7302

 36.0051, -29.7386,
24.1222

175.3955,
-62.7685, 69.2207

 27.2095, -25.7926,
19.0466

191.2189,

 19.2762, -21.4286,

-65.3741, 72.6428

13.4934

207.4914,
-67.9503, 76.0041

■ 12.3120, -18.5794,
8.6184

■ 5.4758, -9.5827,
3.8331

■ 90.7210, -46.1886,
46.8780

■ 90.7210, -46.1886,
46.8780

■ 89.6922, -50.7422,
49.7988

■ 91.8950, -40.9656,
42.8420

■ 88.8033, -54.6366,
51.6722

■ 93.2171, -35.0788,
37.6562

■ 88.0463, -57.8993,
52.6014

■ 94.6891, -28.5441,
31.3074

■ 87.4063, -60.6063,
52.7982

■ 96.3111, -21.3864,
23.8026

■ 87.4062, -60.6067,
52.7983

■ 98.0822, -13.6376,
15.1651

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



90.7211, -12.6512, 52.1135



90.7210, -46.1886, 46.8780



90.7211, -65.6659, 30.3870

Triad

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



90.7211, -46.1884, 46.8773



90.7211, -34.6491, -92.3459



90.7211, 86.6435, 12.1726

Complementary

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



90.7210, -46.1886, 46.8780



50.9453, 53.4743, -77.7757

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.



90.7211, 77.9625, -31.0358



90.7210, -46.1886, 46.8780



90.7211, 3.2334, -104.4032

Square

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



90.7211, -46.1884, 46.8773



90.7211, -59.8698, -50.2090



90.7211, 45.5515, -78.2843



90.7211, 67.5380, 38.5530

Rectangle

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



90.7210, -46.1886, 46.8780



90.7211, -70.3318, 10.1673



90.7211, 45.5515, -78.2843



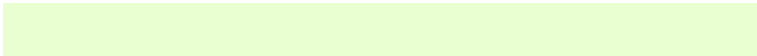
90.7211, 86.9149, -0.6219

Sweetspot

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



90.7211, -46.1884, 46.8773



96.6531, -19.8842, 22.1661



72.9735, 16.9936, 35.0493



44.4866, -10.2078, 11.3506

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



90.7211, -46.1884, 46.8773



89.5033, -51.5740, 50.2550



86.8653, -61.7381, 43.8644



45.4195, -6.1256, 6.8055



63.2528, -43.5191, 38.2142



19.9013, -12.9078, 12.0371

Inverse Universe

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



50.9453, 53.4743, -77.7757



43.8999, 64.9449, -99.5867



61.2399, 76.7810, -52.5156



42.2005, 1.6055, -2.4185



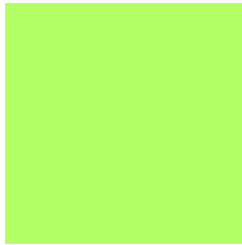
24.6453, 57.5130, -102.7332



8.0998, 18.4060, -29.9196

Previews

White Background



This preview shows how the HunterLab color 90.7210, -46.1886, 46.8780 looks on a white background.

Color Contrast Check

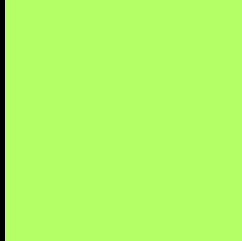
Large Text (above 18pt) WCAG AA × Fail

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 90.7210, -46.1886, 46.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

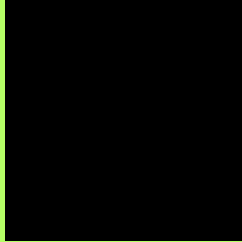
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

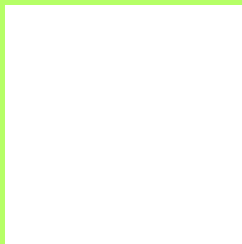
Any Text WCAG AAA ✓ Pass

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

HunterLab 90.7210, -46.1886, 46.8780 Background



This preview shows how black text looks on a background with the HunterLab color 90.7210, -46.1886, 46.8780.



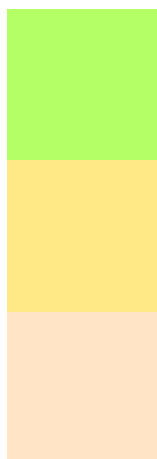
This preview shows how white text looks on a background with the HunterLab color 90.7210, -46.1886, 46.8780.

-46.1886, 46.8780.

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

90.7210, -46.1886, 46.8780

Protanopia

90.1438, -9.8687, 40.5389

Deuteranopia

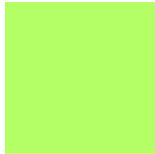
90.2086, -0.6488, 20.4602



Tritanopia

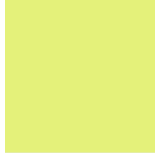
90.3518, -11.2158, -6.6048

Trichromacy



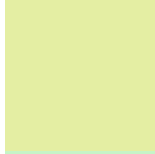
Original Color

90.7210, -46.1886, 46.8780



Protanomaly

89.8942, -24.3486, 42.8222



Deuteranomaly

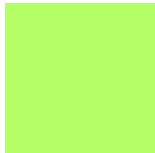
89.6032, -18.9905, 31.9527



Tritanomaly

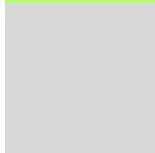
89.9059, -26.4011, 19.3045

Monochromacy



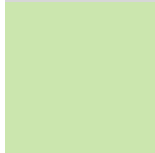
Original Color

90.7210, -46.1886, 46.8780



Achromatopsia

82.4344, -4.3985, 4.4788



Achromatomaly

85.0565, -21.7461, 24.1172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 90.7210, -46.1886, 46.8780 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(181, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 102)  
}
```

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(181, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 90.7210, -46.1886, 46.8780 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(181, 255, 102) }
```


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

```
.border{ border-color:rgb(181, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 90.7210, -46.1886, 46.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 102) }
```

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

```
.background{ background-color: rgb(181,  
255, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor