

# Converting Colors

HunterLab(87.9114, -13.2319,  
53.9390)

Have a look what the booklet for  
HunterLab(87.9114, -13.2319,  
53.9390) contains.

<b>HunterLab(87.9196, -13.2447, 53.9438)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(87.9196,  
-13.2447, 53.9438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE500
RGB	255, 229, 0
RGB Percent	100%, 90%, 0%
CMY	0.0000, 0.1019, 0.9999
CMYK	0.00, 0.10, 1.00, 0.00
HSL	54°, 100%, 50%
HSV	54°, 100%, 100%
XYZ	69.2593, 77.2986, 11.2697
YIQ	210.6680, 89.0050, -65.7070

# Conversions

## Conversions Part 2

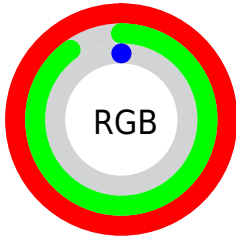
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 255, 0
Decimal	16770304
CIE Lab	90.46, -8.94, 89.65
CIE LCh	90, 90.090, 95.697
Yxy	77.3023, 0.4388, 0.4898
Android (android.graphics.Color)	4294960384 (0xFFFFE500)
YUV	210.6680, -103.8593, 38.8792
Hunter-Lab	87.9196, -13.2447, 53.9438

# Details

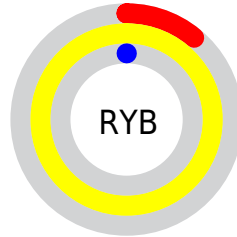
The HunterLab color **87.9196, -13.2447, 53.9438** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **28.2134, 67.1669, -180.2543**, and the grayscale version is **80.9754, -4.3206, 4.3995**.

A 20% lighter version of the original color is **96.7137, -23.6483, 53.1129**, and **64.5055, -10.1427, 39.5704** is the 20% darker color. If you saturate the color by 10%, you get **87.9207, -13.2469, 53.9444**, and if you desaturate by 10%, it is **88.7830, -14.2984, 53.8229**.

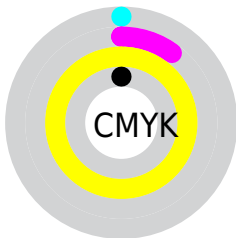
# Distribution



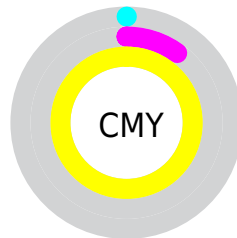
- Red (100%)
- Green (90%)
- Blue (0%)



- Red (11%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.9196, -13.2447, 53.9438 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 87.9196, -13.2447, 53.9438 by changing the saturation by 10% instead.



87.9196, -13.2447,  
53.9438

87.9196, -13.2447,  
53.9438

220.4073,  
-23.4947, 97.7078

75.8294, -12.1743,  
48.2852

113.8271,  
-15.4296, 64.6751

64.3487, -11.1092,  
42.4125

127.5921,  
-16.5392, 69.7802

53.5142, -10.0504,  
36.3280

141.8711,  
-17.6623, 74.7341

43.3670, -8.9940,  
30.3569

156.6464,  
-18.7996, 79.5517

33.9571, -7.9343,  
23.7700

171.9016,  
-19.9513, 84.2465

25.3478, -6.8617,  
17.7434

187.6223,

17.6217, -5.7600,

-21.1176, 88.8306

12.3352

203.7950,  
-22.2987, 93.3146

■ 10.8946, -4.5978,  
7.6262

■ 2.2580, -3.9515,  
1.5806

■ 87.9196, -13.2447,  
53.9438

■ 87.9196, -13.2447,  
53.9438

■ 87.9207, -13.2469,  
53.9444

■ 88.7830, -14.2984,  
53.8229

■ 89.7006, -15.0540,  
52.9371

■ 90.6889, -15.4343,  
51.0782

■ 91.7552, -15.3972,  
48.1418

■ 92.9047, -14.9132,  
44.0566

■ 94.1415, -13.9623,  
38.7767

■ 95.4681, -12.5321,  
32.2759

■ 96.8864, -10.6165,  
24.5447

■ 98.3975, -8.2151,  
15.5874

# Harmonies

## Analogous

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



87.9217, 34.4625, 51.9630



87.9196, -13.2447, 53.9438



87.9217, -50.3113, 49.1989

# Triad

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



87.9217, -13.2482, 53.9444



87.9217, -65.2737, -59.2789



87.9217, 90.5552, -37.0264

# Complementary

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



87.9196, -13.2447, 53.9438



28.2134, 67.1669, -180.2543

# 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.



87.9217, 52.6643, -93.7346



87.9196, -13.2447, 53.9438



87.9217, -38.0113, -110.5343

# Square

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



87.9217, -13.2482, 53.9444



87.9217, -76.1516, -3.9211



87.9217, 4.1962, -125.6035



87.9217, 100.9162, 12.6843



# Rectangle

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



87.9196, -13.2447, 53.9438



87.9217, -66.1370, 40.0590



87.9217, 4.1962, -125.6035



87.9217, 80.2851, -56.5440

# Sweetspot

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



87.9217, -13.2482, 53.9444



95.4669, -12.5341, 32.2846



46.2094, 79.3317, 28.3059



43.9035, -6.1050, 16.2734

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.9217, -13.2482, 53.9444



87.9211, -13.2469, 53.9446



88.7208, -55.2374, 53.7017



45.5582, -3.7413, 6.9969



63.6554, -9.7336, 39.0537



20.0818, -3.3777, 12.3152



# Inverse Universe

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



28.2134, 67.1669, -180.2543



28.2110, 67.1757, -180.2742



31.3120, 76.6746, -158.5037



42.0423, -0.7515, -2.6643



20.6285, 47.6005, -128.5396



7.1302, 12.2772, -35.4151



# Previews

## White Background



This preview shows how the HunterLab color 87.9196, -13.2447, 53.9438 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

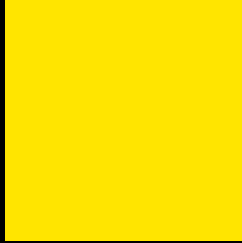
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.9196, -13.2447, 53.9438 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 87.9196, -13.2447, 53.9438 Background



This preview shows how black text looks on a background with the HunterLab color 87.9196, -13.2447, 53.9438.



This preview shows how white text looks on a background with the HunterLab color 87.9196, -13.2447, 53.9438.

-13.2447, 53.9438.

# 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

87.9196, -13.2447, 53.9438

### Protanopia

87.8501, -11.3899, 50.1336

### Deuteranopia

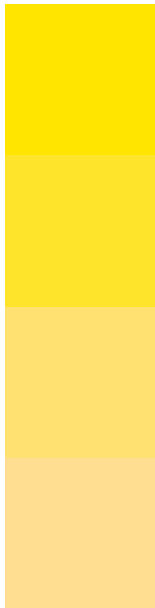
87.8918, -0.1451, 25.7431



## Tritanopia

87.7838, 9.9744, 4.1993

# Trichromacy



## Original Color

87.9196, -13.2447, 53.9438

## Protanomaly

87.7090, -12.1747, 52.2219

## Deuteranomaly

87.3514, -7.4805, 43.0906

## Tritanomaly

86.9355, -3.1751, 34.9673

# Monochromacy



## Original Color

87.9196, -13.2447, 53.9438

## Achromatopsia

80.7097, -4.3065, 4.3851

## Achromatomaly

82.5802, -12.5472, 34.4726

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.9196, -13.2447, 53.9438 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(255, 229, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 0)  
}
```

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(255, 229, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.9196, -13.2447, 53.9438 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(255, 229, 0) }
```



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

```
.border{ border-color:rgb(255, 229, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 229, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.9196, -13.2447, 53.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 0) }
```

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

```
.background{ background-color: rgb(255,  
229, 0) }
```

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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