

# Converting Colors

HunterLab(88.8616, -13.7503,  
52.4231)

Have a look what the booklet for  
HunterLab(88.8616, -13.7503,  
52.4231) contains.

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# **Color**

**HunterLab(89.0013,  
-13.9687, 52.5112)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE833
RGB	255, 232, 51
RGB Percent	100%, 91%, 20%
CMY	0.0000, 0.0902, 0.8000
CMYK	0.00, 0.09, 0.80, 0.00
HSL	53°, 100%, 60%
HSV	53°, 80%, 100%
XYZ	70.6942, 79.2123, 14.6955
YIQ	218.2430, 71.8090, -51.4150

# Conversions

## Conversions Part 2

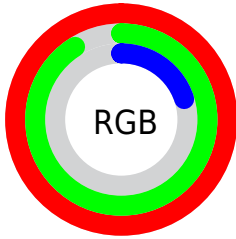
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 255, 51
Decimal	16771123
CIELab	91.33, -9.61, 82.46
CIELCh	91, 83.020, 96.649
Yxy	79.2161, 0.4295, 0.4812
Android (android.graphics.Color)	4294961203 (0xFFFE833)
YUV	218.2430, -82.4508, 32.2359
Hunter-Lab	89.0013, -13.9687, 52.5112

# Details

The HunterLab color **89.0013, -13.9687, 52.5112** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **35.8074, 46.3314, -133.7756**, and the grayscale version is **84.1628, -4.4907, 4.5727**.

A 20% lighter version of the original color is **96.9510, -22.3046, 49.6147**, and **65.5085, -11.1770, 40.1703** is the 20% darker color. If you saturate the color by 10%, you get **88.0025, -13.0809, 53.3585**, and if you desaturate by 10%, it is **90.0763, -14.4861, 50.6892**.

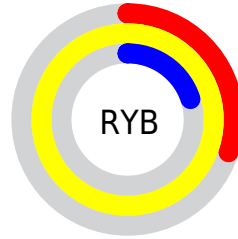
# Distribution



Red (100%)

Green (91%)

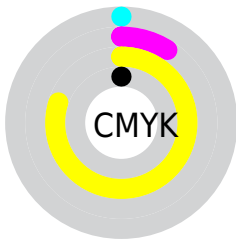
Blue (20%)



Red (30%)

Yellow (100%)

Blue (20%)

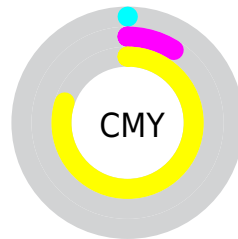


Cyan (0%)

Magenta (9%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.0013, -13.9687, 52.5112 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 89.0013, -13.9687, 52.5112 by changing the saturation by 10% instead.



89.0013, -13.9687,  
52.5112

89.0013, -13.9687,  
52.5112

221.8754,  
-24.4697, 93.0226

76.8593, -12.8647,  
47.2732

115.0057,  
-16.2162, 62.4314

65.3240, -11.7645,  
41.8235

128.8162,  
-17.3554, 67.1501

54.4317, -10.6687,  
36.1506

143.1392,  
-18.5071, 71.7309

44.2227, -9.5729,  
30.3895

157.9569,  
-19.6719, 76.1885

34.7463, -8.4710,  
24.3224

173.2533,  
-20.8503, 80.5358

26.0642, -7.3529,  
18.2450

189.0138,

18.2572, -6.2013,

-22.0426, 84.7842

12.7800

205.2253,  
-23.2490, 88.9435

■ 11.4372, -4.9837,  
8.0060

■ 3.8400, -6.7200,  
2.6880

■ 89.0013, -13.9687,  
52.5112

■ 89.0013, -13.9687,  
52.5112

■ 88.0025, -13.0809,  
53.3585

■ 90.0763, -14.4861,  
50.6892

■ 87.0594, -11.8933,  
53.4372

■ 91.2283, -14.5815,  
47.7882

■ 87.0591, -11.8928,  
53.4372

■ 92.4645, -14.2296,  
43.7406

■ 93.7886, -13.4112,  
38.5035

■ 95.2031, -12.1150,  
32.0538

■ 96.7094, -10.3358,  
24.3849

■ 98.3084, -8.0741,  
15.5040

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



89.0034, 29.8131, 50.6141



89.0013, -13.9687, 52.5112



89.0034, -48.2657, 47.2354

# Triad

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



89.0034, -13.9722, 52.5119



89.0034, -61.0351, -54.7792



89.0034, 82.8508, -31.5793

# Complementary

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



89.0013, -13.9687, 52.5112



35.8074, 46.3314, -133.7756

# 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.



89.0034, 49.1534, -82.2084



89.0013, -13.9687, 52.5112



89.0034, -34.7372, -99.4086

# Square

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



89.0034, -13.9722, 52.5119



89.0034, -71.9615, -4.5824



89.0034, 4.8558, -111.2765



89.0034, 91.2382, 13.3416



# Rectangle

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



89.0013, -13.9687, 52.5112



89.0034, -62.9881, 37.7349



89.0034, 4.8558, -111.2765



89.0034, 73.8379, -49.0163

# Sweetspot

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



89.0034, -13.9722, 52.5119



96.0956, -11.1062, 27.6013



49.1260, 72.7682, 23.5529



44.2111, -5.4252, 14.0181

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



89.0034, -13.9722, 52.5119



87.4322, -12.3890, 53.4598



90.0459, -49.6546, 52.5537



45.5196, -3.6782, 6.9564



63.0425, -8.7720, 38.6929



19.9123, -3.1146, 12.2154



# Inverse Universe

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



35.8074, 46.3314, -133.7756



29.4258, 62.9367, -171.3910



37.7777, 67.6943, -124.0172



42.0800, -0.8154, -2.6166



20.8077, 46.8843, -127.2177



7.2340, 11.9244, -34.7833



# Previews

## White Background



This preview shows how the HunterLab color 89.0013, -13.9687, 52.5112 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

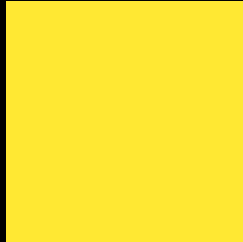
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.0013, -13.9687, 52.5112 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 89.0013, -13.9687, 52.5112 Background



This preview shows how black text looks on a background with the HunterLab color 89.0013, -13.9687, 52.5112.



This preview shows how white text looks on a background with the HunterLab color 89.0013, -13.9687, 52.5112.

-13.9687, 52.5112.

# 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

89.0013, -13.9687, 52.5112

### Protanopia

89.1017, -11.1592, 46.1700

### Deuteranopia

89.0172, -0.5631, 23.5286



## Tritanopia

88.7689, 8.8636, 3.8629

# Trichromacy



## Original Color

89.0013, -13.9687, 52.5112

## Protanomaly

88.9111, -12.2179, 48.9796

## Deuteranomaly

88.6464, -6.9875, 38.4191

## Tritanomaly

88.2404, -2.6069, 30.0874

# Monochromacy



## Original Color

89.0013, -13.9687, 52.5112

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

84.9698, -11.2484, 29.9031

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.0013, -13.9687, 52.5112 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, 232, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 51)  
}
```

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, 232, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 51) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.0013, -13.9687, 52.5112 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, 232, 51) }
```



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

```
.border{ border-color:rgb(255, 232, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 232, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
51) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.0013, -13.9687, 52.5112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 51) }
```

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

```
.background{ background-color: rgb(255,  
232, 51) }
```

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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