

# Converting Colors

HunterLab(88.2029, -12.6565,  
49.5435)

Have a look what the booklet for  
HunterLab(88.2029, -12.6565,  
49.5435) contains.

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# Color

**HunterLab(88.3165,  
-12.8532, 49.6050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDE64C
RGB	253, 230, 76
RGB Percent	99%, 90%, 30%
CMY	0.0078, 0.0980, 0.7019
CMYK	0.00, 0.09, 0.70, 0.01
HSL	52°, 98%, 65%
HSV	52°, 70%, 99%
XYZ	70.1093, 77.9980, 18.1974
YIQ	219.3210, 63.1420, -43.0180

# Conversions

## Conversions Part 2

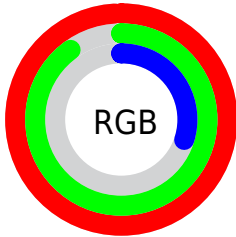
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 253, 76
Decimal	16639564
CIELab	90.78, -8.49, 73.94
CIELCh	91, 74.422, 96.550
Yxy	78.0017, 0.4216, 0.4690
Android (android.graphics.Color)	4294829644 (0xFFFDE64C)
YUV	219.3210, -70.6573, 29.5365
Hunter-Lab	88.3165, -12.8532, 49.6050

# Details

The HunterLab color **88.3165, -12.8532, 49.6050** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **41.8947, 33.9339, -105.1034**, and the grayscale version is **84.5832, -4.5131, 4.5956**.

A 20% lighter version of the original color is **97.1975, -20.9126, 45.9905**, and **64.8054, -10.6089, 39.7471** is the 20% darker color. If you saturate the color by 10%, you get **87.1230, -12.1381, 51.3640**, and if you desaturate by 10%, it is **89.5947, -13.1581, 46.7781**.

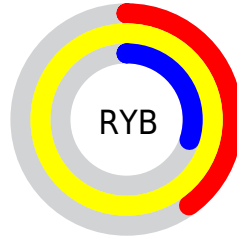
# Distribution



Red (99%)

Green (90%)

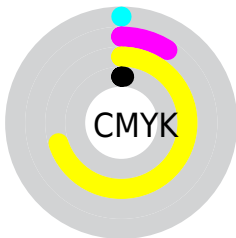
Blue (30%)



Red (40%)

Yellow (99%)

Blue (30%)

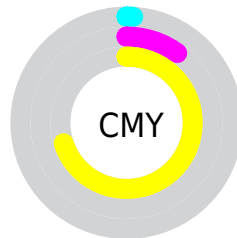


Cyan (0%)

Magenta (9%)

Yellow (70%)

Black (1%)



Cyan (1%)

Magenta (10%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.3165, -12.8532, 49.6050 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 88.3165, -12.8532, 49.6050 by changing the saturation by 10% instead.



88.3165, -12.8532,  
49.6050

88.3165, -12.8532,  
49.6050

220.9463,  
-22.9444, 86.4318

76.2072, -11.8044,  
44.8476

114.2596,  
-14.9977, 58.6056

64.7065, -10.7624,  
39.8876

128.0413,  
-16.0885, 62.8875

53.8507, -9.7283,  
34.7039

142.3366,  
-17.1936, 67.0465

43.6807, -8.6986,  
29.2843

157.1274,  
-18.3135, 71.0969

34.2463, -7.6680,  
23.9724

172.3978,  
-19.4483, 75.0508

25.6102, -6.6281,  
17.9271

188.1331,

17.8543, -5.5639,

-20.5984, 78.9187

12.4980

204.3201,  
-21.7637, 82.7098

■ 11.0929, -4.4469,  
7.7650

■ 2.9399, -5.1448,  
2.0579

■ 88.3165, -12.8532,  
49.6050

■ 88.3165, -12.8532,  
49.6050

■ 87.1230, -12.1381,  
51.3640

■ 89.5947, -13.1581,  
46.7781

■ 86.0010, -11.0426,  
52.1502

■ 90.9560, -13.0158,  
42.8183

■ 84.9390, -9.6493,  
52.1680

■ 92.4056, -12.4121,  
37.6888

■ 84.9346, -9.6432,  
52.1675

■ 93.9456, -11.3374,  
31.3719

95.5772, -9.7880,  
23.8657

97.3007, -7.7658,  
15.1816

99.1159, -5.2769,  
5.3415

99.8111, -5.9936,  
5.1991

# Harmonies

## Analogous

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



88.3186, 26.1086, 47.6240



88.3165, -12.8532, 49.6050



88.3186, -43.9686, 44.2675

# Triad

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



88.3186, -12.8566, 49.6057



88.3186, -55.8514, -47.0771



88.3186, 72.3453, -27.3714

# Complementary

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



88.3165, -12.8532, 49.6050



41.8947, 33.9339, -105.1034

# 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.



88.3186, 42.8705, -70.7278



88.3165, -12.8532, 49.6050



88.3186, -31.8206, -85.0570

# Square

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



88.3186, -12.8566, 49.6057



88.3186, -65.9490, -3.4493



88.3186, 3.7281, -95.1637



88.3186, 79.7142, 12.3367



# Rectangle

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



88.3165, -12.8532, 49.6050



88.3186, -57.5493, 35.0583



88.3186, 3.7281, -95.1637



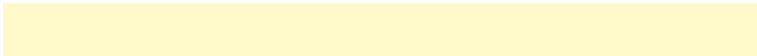
88.3186, 64.4787, -42.4275

# Sweetspot

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



88.3186, -12.8566, 49.6057



96.2600, -10.0627, 24.9320



51.9274, 65.0987, 19.4854



44.3208, -4.8710, 12.5419

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.3186, -12.8566, 49.6057



87.4370, -11.8399, 52.2609



90.2641, -44.8600, 50.3432



45.4580, -3.5775, 6.8917



62.0717, -7.2313, 38.1217



19.6436, -2.6932, 12.0572



# Inverse Universe

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



41.8947, 33.9339, -105.1034



34.4930, 48.6307, -140.5156



42.3268, 57.8513, -103.0760



42.1402, -0.9174, -2.5406



21.1216, 45.6532, -124.9523



7.3966, 11.3864, -33.8252



# Previews

## White Background



This preview shows how the HunterLab color 88.3165, -12.8532, 49.6050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

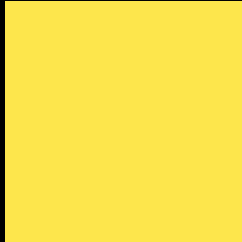
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.3165, -12.8532, 49.6050 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 88.3165, -12.8532, 49.6050 Background



This preview shows how black text looks on a background with the HunterLab color 88.3165, -12.8532, 49.6050.



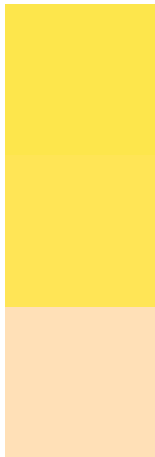
This preview shows how white text looks on a background with the HunterLab color 88.3165,

-12.8532, 49.6050.

# 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

88.3165, -12.8532, 49.6050

### Protanopia

88.3009, -11.1236, 48.3043

### Deuteranopia

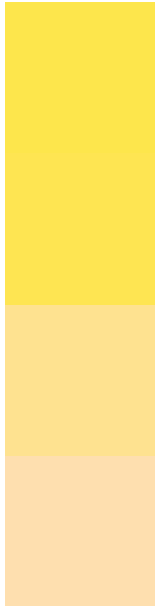
88.3121, -0.0366, 24.3397



## Tritanopia

88.1434, 9.7735, 3.6311

# Trichromacy



## Original Color

88.3165, -12.8532, 49.6050

## Protanomaly

88.1582, -11.7020, 48.7491

## Deuteranomaly

88.0211, -5.7888, 36.3638

## Tritanomaly

87.7162, -0.8834, 26.6209

# Monochromacy



## Original Color

88.3165, -12.8532, 49.6050

## Achromatopsia

84.1651, -4.4908, 4.5728

## Achromatomaly

85.1788, -10.0881, 26.8626

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.3165, -12.8532, 49.6050 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(253, 230, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 76)  
}
```

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(253, 230, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 76) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.3165, -12.8532, 49.6050 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(253, 230, 76) }
```



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

```
.border{ border-color:rgb(253, 230, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
76) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.3165, -12.8532, 49.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 76) }
```

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

```
.background{ background-color: rgb(253,  
230, 76) }
```

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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