

# Converting Colors

HunterLab(88.3960, -12.5336,  
51.0844)

Have a look what the booklet for  
HunterLab(88.3960, -12.5336,  
51.0844) contains.

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# **Color**

**HunterLab(88.4378,  
-12.6045, 51.1216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE63F
RGB	255, 230, 63
RGB Percent	100%, 90%, 25%
CMY	0.0000, 0.0980, 0.7529
CMYK	0.00, 0.10, 0.75, 0.00
HSL	52°, 100%, 62%
HSV	52°, 75%, 100%
XYZ	70.4340, 78.2124, 16.0868
YIQ	218.4370, 68.5070, -46.6370

# Conversions

## Conversions Part 2

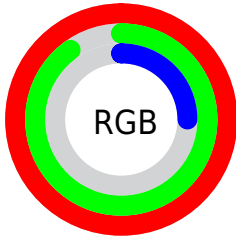
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	92, 255, 63
Decimal	16770623
CIE Lab	90.88, -8.21, 78.54
CIE LCh	91, 78.968, 95.971
Yxy	78.2162, 0.4276, 0.4748
Android (android.graphics.Color)	4294960703 (0xFFFFE63F)
YUV	218.4370, -76.6304, 32.0658
Hunter-Lab	88.4378, -12.6045, 51.1216

# Details

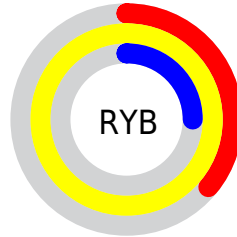
The HunterLab color **88.4378, -12.6045, 51.1216** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **39.0591, 39.4517, -118.8505**, and the grayscale version is **84.2233, -4.4939, 4.5760**.

A 20% lighter version of the original color is **97.0490, -21.7504, 48.1718**, and **64.9071, -10.2444, 39.8161** is the 20% darker color. If you saturate the color by 10%, you get **87.2719, -11.6691, 52.3547**, and if you desaturate by 10%, it is **89.6858, -13.1454, 48.8574**.

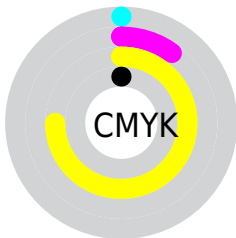
# Distribution



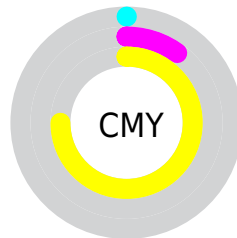
- Red (100%)
- Green (90%)
- Blue (25%)



- Red (36%)
- Yellow (100%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.4378, -12.6045, 51.1216 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 88.4378, -12.6045, 51.1216 by changing the saturation by 10% instead.



88.4378, -12.6045,  
51.1216

88.4378, -12.6045,  
51.1216

221.1110,  
-22.5986, 89.9597

76.3227, -11.5690,  
46.0990

114.3918,  
-14.7245, 60.6271

64.8158, -10.5410,  
40.8676

128.1786,  
-15.8037, 65.1479

53.9535, -9.5218,  
35.4111

142.4788,  
-16.8978, 69.5373

43.7766, -8.5083,  
29.7742

157.2744,  
-18.0070, 73.8097

34.3348, -7.4953,  
24.0344

172.5494,  
-19.1316, 77.9778

25.6905, -6.4748,  
17.9834

188.2892,

17.9255, -5.4328,

-20.2716, 82.0527

12.5479

204.4805,  
-21.4273, 86.0438

■ 11.1537, -4.3423,  
7.8076

■ 3.1185, -5.4574,  
2.1830

■ 88.4378, -12.6045,  
51.1216

■ 88.4378, -12.6045,  
51.1216

■ 87.2719, -11.6691,  
52.3547

■ 89.6858, -13.1454,  
48.8574

■ 86.1734, -10.3784,  
52.6785

■ 91.0155, -13.2479,  
45.4798

■ 85.6731, -9.6892,  
52.6218

■ 92.4328, -12.8928,  
40.9385

■ 93.9405, -12.0665,  
35.2056

■ 95.5401, -10.7621,  
28.2712

■ 97.2325, -8.9788,  
20.1401

■ 99.0176, -6.7204,  
10.8289

■ 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.



88.4399, 28.9400, 49.0376



88.4378, -12.6045, 51.1216



88.4399, -45.6356, 45.9973

# Triad

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



88.4399, -12.6080, 51.1223



88.4399, -58.9080, -50.0623



88.4399, 77.3588, -30.5935

# Complementary

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



88.4378, -12.6045, 51.1216



39.0591, 39.4517, -118.8505

# 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.



88.4399, 45.3147, -77.5743



88.4378, -12.6045, 51.1216



88.4399, -34.0012, -91.8879

# Square

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



88.4399, -12.6080, 51.1223



88.4399, -69.1255, -3.1669



88.4399, 3.4469, -103.7229



88.4399, 85.8447, 12.1142



# Rectangle

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



88.4378, -12.6045, 51.1216



88.4399, -60.0164, 36.8267



88.4399, 3.4469, -103.7229



88.4399, 68.7377, -46.8998

# Sweetspot

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



88.4399, -12.6080, 51.1223



95.9201, -10.3957, 26.5133



50.5274, 69.8583, 21.3692



44.1012, -5.0715, 13.5353

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.4399, -12.6080, 51.1223



86.7470, -11.1013, 52.6107



90.6329, -47.1964, 51.9444



45.4571, -3.5759, 6.8907



62.0566, -7.2072, 38.1128



19.6395, -2.6866, 12.0547



# Inverse Universe

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



39.0591, 39.4517, -118.8505



31.9393, 55.0277, -154.9791



39.7431, 63.2338, -115.5413



42.1411, -0.9190, -2.5394



21.1268, 45.6331, -124.9155



7.3991, 11.3783, -33.8107



# Previews

## White Background



This preview shows how the HunterLab color 88.4378, -12.6045, 51.1216 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

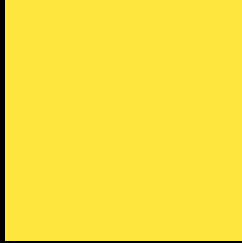
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.4378, -12.6045, 51.1216 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 88.4378, -12.6045, 51.1216 Background



This preview shows how black text looks on a background with the HunterLab color 88.4378, -12.6045, 51.1216.



This preview shows how white text looks on a background with the HunterLab color 88.4378,

-12.6045, 51.1216.

# 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

88.4378, -12.6045, 51.1216

### Protanopia

88.3289, -10.9684, 47.8918

### Deuteranopia

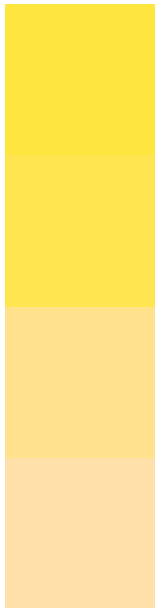
88.3121, -0.0366, 24.3397



## Tritanopia

88.4079, 9.0637, 4.4290

# Trichromacy



## Original Color

88.4378, -12.6045, 51.1216

## Protanomaly

88.2484, -11.4151, 49.0794

## Deuteranomaly

88.0436, -5.8801, 37.7002

## Tritanomaly

87.9977, -1.7454, 28.9026

# Monochromacy



## Original Color

88.4378, -12.6045, 51.1216

## Achromatopsia

83.7318, -4.4677, 4.5493

## Achromatomaly

84.7585, -10.1795, 28.1384

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.4378, -12.6045, 51.1216 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, 230, 63)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 63)  
}
```

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, 230, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 63) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.4378, -12.6045, 51.1216 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, 230, 63) }
```



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

```
.border{ border-color:rgb(255, 230, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 63);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
63) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.4378, -12.6045, 51.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 63) }
```

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

```
.background{ background-color: rgb(255,  
230, 63) }
```

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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