

Converting Colors

HunterLab(87.7778, -11.8608,
51.3522)

Have a look what the booklet for
HunterLab(87.7778, -11.8608,
51.3522) contains.

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Color

**HunterLab(87.7681,
-11.8461, 51.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE438
RGB	255, 228, 56
RGB Percent	100%, 89%, 22%
CMY	0.0000, 0.1059, 0.7804
CMYK	0.00, 0.11, 0.78, 0.00
HSL	52°, 100%, 61%
HSV	52°, 78%, 100%
XYZ	69.6973, 77.0324, 14.9367
YIQ	216.4650, 71.3040, -47.7680

Conversions

Conversions Part 2

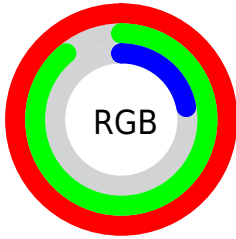
Format	Color
R _Y B	87, 255, 56
Decimal	16770104
CIE Lab	90.34, -7.47, 80.19
CIE LCh	90, 80.537, 95.321
Yxy	77.0361, 0.4311, 0.4765
Android (android.graphics.Color)	4294960184 (0xFFFFE438)
YUV	216.4650, -79.1092, 33.7952
Hunter-Lab	87.7681, -11.8461, 51.3475

Details

The HunterLab color **87.7681, -11.8461, 51.3475** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **37.7456, 41.6457, -124.6190**, and the grayscale version is **83.3789, -4.4489, 4.5301**.

A 20% lighter version of the original color is **96.9868, -22.1022, 49.0876**, and **64.3090, -9.3092, 39.4639** is the 20% darker color. If you saturate the color by 10%, you get **86.5809, -10.7390, 52.2982**, and if you desaturate by 10%, it is **89.0363, -12.5694, 49.3932**.

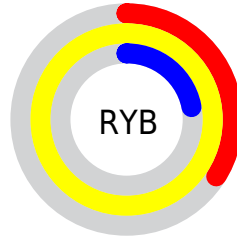
Distribution



Red (100%)

Green (89%)

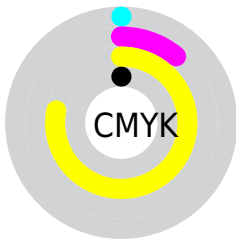
Blue (22%)



Red (34%)

Yellow (100%)

Blue (22%)

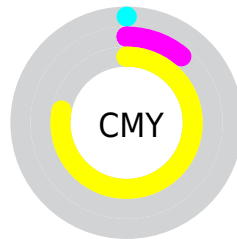


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7681, -11.8461, 51.3475 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 87.7681, -11.8461, 51.3475 by changing the saturation by 10% instead.

87.7681, -11.8461,
51.3475

87.7681, -11.8461,
51.3475

220.2015,
-21.5658, 90.9689

75.6852, -10.8475,
46.2192

113.6620,
-13.8972, 61.0529

64.2122, -9.8583,
40.8793

127.4205,
-14.9442, 65.6676

53.3858, -8.8804,
35.3141

141.6934,
-16.0070, 70.1469

43.2473, -7.9107,
29.6405

156.4627,
-17.0861, 74.5055

33.8468, -6.9452,
23.6928

171.7122,
-18.1814, 78.7565

25.2477, -5.9765,
17.6734

187.4272,

17.5331, -4.9922,

-19.2932, 82.9110

12.2732

203.5944,
-20.4213, 86.9790

■ 10.8191, -3.9677,
7.5734

■ 1.9350, -3.3863,
1.3545

■ 87.7681, -11.8461,
51.3475

■ 87.7681, -11.8461,
51.3475

■ 86.5809, -10.7390,
52.2982

■ 89.0363, -12.5694,
49.3932

■ 85.4580, -9.2984,
52.3963

■ 90.3854, -12.8615,
46.3441

■ 85.2418, -8.9967,
52.3681

■ 91.8218, -12.7011,
42.1445

■ 93.3485, -12.0727,
36.7620

■ 94.9670, -10.9683,
30.1838

■ 96.6784, -9.3858,
22.4123

■ 98.4826, -7.3284,
13.4626

■ 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.



87.7702, 30.5491, 49.1483



87.7681, -11.8461, 51.3475



87.7702, -45.6162, 46.4749

Triad

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



87.7702, -11.8496, 51.3482



87.7702, -59.9903, -50.2860



87.7702, 78.6312, -32.4670

Complementary

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



87.7681, -11.8461, 51.3475



37.7456, 41.6457, -124.6190

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.



87.7702, 45.4611, -80.5923



87.7681, -11.8461, 51.3475



87.7702, -35.1161, -93.7578

Square

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



87.7702, -11.8496, 51.3482



87.7702, -69.9680, -2.4333



87.7702, 2.7110, -106.8298



87.7702, 87.9395, 11.4242

Rectangle

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



87.7681, -11.8461, 51.3475



87.7702, -60.3604, 37.5288



87.7702, 2.7110, -106.8298



87.7702, 69.6392, -49.2108

Sweetspot

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



87.7702, -11.8496, 51.3482



95.8176, -10.2310, 26.4184



49.7579, 71.9453, 21.4656



44.0463, -4.9837, 13.4862

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7702, -11.8496, 51.3482



85.9048, -9.9126, 52.4409



90.6439, -47.2339, 52.5796



45.4375, -3.5439, 6.8701



61.7497, -6.7154, 37.9323



19.5544, -2.5522, 12.0047

Inverse Universe

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



37.7456, 41.6457, -124.6190



30.6966, 58.5174, -162.7937



38.0242, 64.9835, -122.9502



42.1603, -0.9515, -2.5152



21.2340, 45.2193, -124.1562



7.4501, 11.2132, -33.5182

Previews

White Background



This preview shows how the HunterLab color 87.7681, -11.8461, 51.3475 looks on a white background.

Color Contrast Check

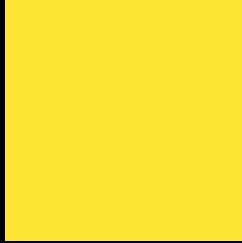
Large Text (above 18pt) WCAG AA × Fail

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 87.7681, -11.8461, 51.3475 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 87.7681, -11.8461, 51.3475 Background



This preview shows how black text looks on a background with the HunterLab color 87.7681, -11.8461, 51.3475.



This preview shows how white text looks on a background with the HunterLab color 87.7681, -11.8461, 51.3475.

-11.8461, 51.3475.

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

87.7681, -11.8461, 51.3475

Protanopia

87.8163, -11.5781, 50.6344

Deuteranopia

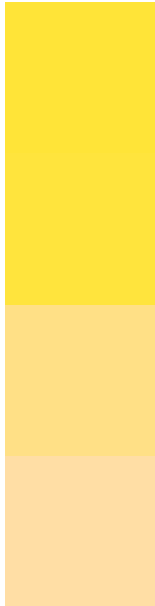
87.5882, 0.3760, 25.4666



Tritanopia

87.7521, 9.8059, 4.6519

Trichromacy



Original Color

87.7681, -11.8461, 51.3475

Protanomaly

87.7973, -11.6833, 50.9144

Deuteranomaly

87.3456, -5.3090, 38.4192

Tritanomaly

87.3036, -1.1692, 29.6006

Monochromacy



Original Color

87.7681, -11.8461, 51.3475

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

83.9512, -9.9895, 28.7100

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7681, -11.8461, 51.3475 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, 228, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 56)  
}
```

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, 228, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7681, -11.8461, 51.3475 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, 228, 56) }
```


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

```
.border{ border-color:rgb(255, 228, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7681, -11.8461, 51.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 56) }
```

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

```
.background{ background-color: rgb(255,  
228, 56) }
```

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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