

Converting Colors

HunterLab(87.0627, -11.2976,
52.1427)

Have a look what the booklet for
HunterLab(87.0627, -11.2976,
52.1427) contains.

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Color

**HunterLab(87.0627,
-11.2976, 52.1427)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE227 |
| RGB | 255, 226, 39 |
| RGB Percent | 100%, 89%, 15% |
| CMY | 0.0000, 0.1137, 0.8470 |
| CMYK | 0.00, 0.11, 0.85, 0.00 |
| HSL | 52°, 100%, 58% |
| HSV | 52°, 85%, 100% |
| XYZ | 68.8025, 75.7991, 12.9239 |
| YIQ | 213.3530, 77.3110, -52.0090 |

Conversions

Conversions Part 2

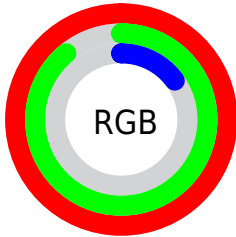
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 72, 255, 39 |
| Decimal | 16769575 |
| CIE Lab | 89.77, -6.95, 84.06 |
| CIE LCh | 90, 84.351, 94.725 |
| Yxy | 75.8028, 0.4368, 0.4812 |
| Android (android.graphics.Color) | 4294959655 (0xFFFFE227) |
| YUV | 213.3530, -85.9560, 36.5244 |
| Hunter-Lab | 87.0627, -11.2976, 52.1427 |

Details

The HunterLab color **87.0627, -11.2976, 52.1427** 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 **34.3308, 48.8708, -141.3783**, and the grayscale version is **82.0608, -4.3786, 4.4585**.

A 20% lighter version of the original color is **96.8504, -22.8739, 51.0967**, and **63.7143, -8.3714, 39.1139** is the 20% darker color. If you saturate the color by 10%, you get **85.9322, -9.9775, 52.5016**, and if you desaturate by 10%, it is **88.2681, -12.2686, 50.8661**.

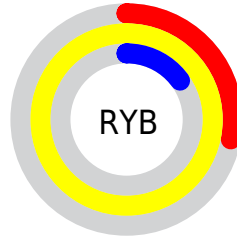
Distribution



Red (100%)

Green (89%)

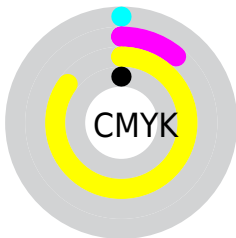
Blue (15%)



Red (28%)

Yellow (100%)

Blue (15%)

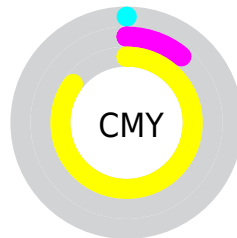


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0627, -11.2976, 52.1427 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 87.0627, -11.2976, 52.1427 by changing the saturation by 10% instead.

87.0627, -11.2976,
52.1427

87.0627, -11.2976,
52.1427

219.2424,
-20.8223, 93.5340

75.0139, -10.3251,
46.7817

112.8929,
-13.2999, 62.2931

63.5768, -9.3635,
41.2059

126.6216,
-14.3238, 67.1187

52.7885, -8.4146,
35.4081

140.8656,
-15.3645, 71.8010

42.6906, -7.4760,
29.7143

155.6070,
-16.4222, 76.3552

33.3340, -6.5438,
23.3338

170.8295,
-17.4968, 80.7946

24.7829, -5.6115,
17.3480

186.5184,

17.1218, -4.6674,

-18.5883, 85.1309

11.9853

202.6601,
-19.6969, 89.3744

■ 10.4695, -3.6883,
7.3287

0.0000, NaN, NaN

■ 87.0627, -11.2976,
52.1427

■ 87.0627, -11.2976,
52.1427

■ 85.9322, -9.9775,
52.5016

■ 88.2681, -12.2686,
50.8661

■ 85.3531, -9.1758,
52.4336

■ 89.5503, -12.8316,
48.5501

■ 90.9170, -12.9576,
45.1178

■ 92.3720, -12.6251,
40.5213

■ 93.9177, -11.8210,
34.7347

■ 95.5557, -10.5393,
27.7504

■ 97.2866, -8.7798,
19.5749

■ 99.1102, -6.5469,
10.2264

■ 99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



87.0648, 33.1960, 49.8808



87.0627, -11.2976, 52.1427



87.0648, -46.6055, 47.5613

Triad

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



87.0648, -11.3011, 52.1433



87.0648, -62.3104, -52.4245



87.0648, 82.5881, -35.5729

Complementary

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



87.0627, -11.2976, 52.1427



34.3308, 48.8708, -141.3783

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.



87.0648, 47.1500, -86.8254



87.0627, -11.2976, 52.1427



87.0648, -36.9652, -99.4037

Square

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



87.0648, -11.3011, 52.1433



87.0648, -72.2216, -1.9329



87.0648, 2.2065, -114.3309



87.0648, 93.0559, 10.9217

Rectangle

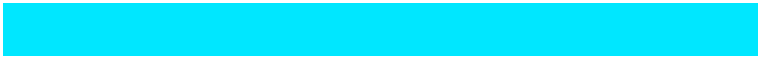
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.0627, -11.2976, 52.1427



87.0648, -61.9849, 38.8214



87.0648, 2.2065, -114.3309



87.0648, 72.9061, -53.4080

Sweetspot

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



87.0648, -11.3011, 52.1433



95.5059, -10.5845, 27.9761



48.1370, 75.6415, 23.5587



43.9147, -5.1281, 14.1356

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0648, -11.3011, 52.1433



85.3535, -9.1758, 52.4338



90.1653, -49.2824, 53.4339



45.4426, -3.5522, 6.8754



61.8290, -6.8426, 37.9789



19.5764, -2.5870, 12.0176

Inverse Universe

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



34.3308, 48.8708, -141.3783



28.9434, 64.2357, -174.8431



35.0569, 69.9878, -137.1770



42.1553, -0.9431, -2.5214



21.2060, 45.3273, -124.3542



7.4370, 11.2556, -33.5933

Previews

White Background



This preview shows how the HunterLab color 87.0627, -11.2976, 52.1427 looks on a white background.

Color Contrast Check

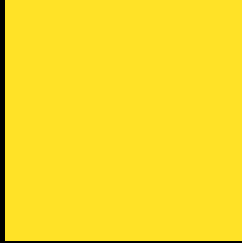
Large Text (above 18pt) WCAG AA × Fail

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 87.0627, -11.2976, 52.1427 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 87.0627, -11.2976, 52.1427 Background



This preview shows how black text looks on a background with the HunterLab color 87.0627, -11.2976, 52.1427.



This preview shows how white text looks on a background with the HunterLab color 87.0627, -11.2976, 52.1427.

-11.2976, 52.1427.

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

87.0627, -11.2976, 52.1427

Protanopia

86.9540, -11.6843, 52.0673

Deuteranopia

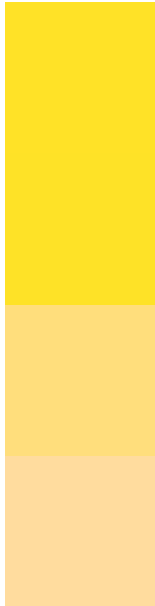
86.8475, 0.6856, 26.8818



Tritanopia

87.0992, 10.5505, 4.8761

Trichromacy



Original Color

87.0627, -11.2976, 52.1427

Protanomaly

86.9540, -11.6843, 52.0673

Deuteranomaly

86.5782, -5.1309, 40.2007

Tritanomaly

86.5535, -0.9102, 31.1594

Monochromacy



Original Color

87.0627, -11.2976, 52.1427

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

82.9691, -10.5799, 30.3207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0627, -11.2976, 52.1427 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, 226, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 39)  
}
```

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, 226, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0627, -11.2976, 52.1427 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, 226, 39) }
```


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

```
.border{ border-color:rgb(255, 226, 39) }
```

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

Here you see how a box with a 4 pixel rgb(255, 226, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0627, -11.2976, 52.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 39) }
```

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

```
.background{ background-color: rgb(255,  
226, 39) }
```

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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