

Converting Colors

HunterLab(87.7056, -17.0761,
53.7448)

Have a look what the booklet for
HunterLab(87.7056, -17.0761,
53.7448) contains.

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Color

**HunterLab(87.7075,
-17.2663, 53.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E700
RGB	247, 231, 0
RGB Percent	97%, 91%, 0%
CMY	0.0314, 0.0941, 0.9999
CMYK	0.00, 0.06, 1.00, 0.03
HSL	56°, 100%, 48%
HSV	56°, 100%, 97%
XYZ	66.9338, 76.9261, 11.3204
YIQ	209.4500, 83.6870, -68.4490

Conversions

Conversions Part 2

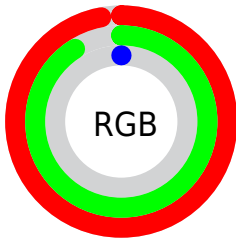
Format	Color
R _Y B	17, 247, 0
Decimal	16246528
CIE Lab	90.29, -13.30, 89.21
CIE LCh	90, 90.195, 98.478
Yxy	76.9297, 0.4313, 0.4957
Android (android.graphics.Color)	4294436608 (0xFF7E700)
YUV	209.4500, -103.2588, 32.9314
Hunter-Lab	87.7075, -17.2663, 53.7427

Details

The HunterLab color **87.7075, -17.2663, 53.7427** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **26.6211, 67.2299, -178.4000**, and the grayscale version is **80.4503, -4.2926, 4.3710**.

A 20% lighter version of the original color is **96.7137, -23.6483, 53.1129**, and **64.4126, -13.5822, 39.4529** is the 20% darker color. If you saturate the color by 10%, you get **87.7089, -17.2689, 53.7435**, and if you desaturate by 10%, it is **88.2599, -17.8239, 53.4657**.

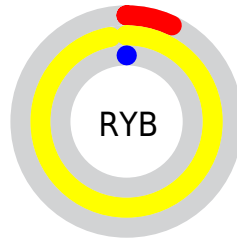
Distribution



Red (97%)

Green (91%)

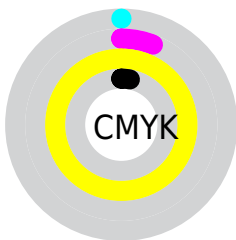
Blue (0%)



Red (7%)

Yellow (97%)

Blue (0%)

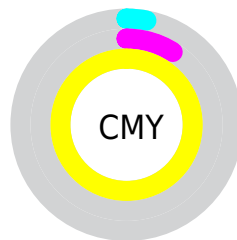


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7075, -17.2663, 53.7427 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 87.7075, -17.2663, 53.7427 by changing the saturation by 10% instead.

87.7075, -17.2663,
53.7427

87.7075, -17.2663,
53.7427

220.1191,
-29.0900, 97.3361

75.6275, -15.9813,
48.1045

113.5959,
-19.8491, 64.4333

64.1576, -14.6892,
42.2521

127.3519,
-21.1449, 69.5186

53.3345, -13.3883,
36.1870

141.6223,
-22.4472, 74.4530

43.1994, -12.0713,
30.2396

156.3892,
-23.7571, 79.2515

33.8027, -10.7275,
23.6619

171.6364,
-25.0756, 83.9278

25.2077, -9.3401,
17.6454

187.3492,

17.4977, -7.8803,

-26.4035, 88.4938

12.2484

203.5142,
-27.7415, 92.9601

■ 10.7890, -6.3391,
7.5523

■ 1.7895, -3.1316,
1.2526

■ 87.7075, -17.2663,
53.7427

■ 87.7075, -17.2663,
53.7427

■ 87.7089, -17.2689,
53.7435

■ 88.2599, -17.8239,
53.4657

■ 88.8607, -18.1020,
52.4679

■ 89.5259, -18.0244,
50.5440

■ 90.2633, -17.5488,
47.5866

■ 91.0784, -16.6442,
43.5184

■ 91.9758, -15.2884,
38.2852

■ 92.9589, -13.4664,
31.8516

■ 94.0302, -11.1694,
24.1987

■ 95.1913, -8.3940,
15.3212

Harmonies

Analogous

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



87.7096, 29.9419, 52.3743



87.7075, -17.2663, 53.7427



87.7096, -52.9443, 48.2450

Triad

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



87.7096, -17.2697, 53.7433



87.7096, -63.4277, -64.8027



87.7096, 92.9627, -31.7677

Complementary

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



87.7075, -17.2663, 53.7427



26.6211, 67.2299, -178.4000

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.



87.7096, 56.9723, -89.1314



87.7075, -17.2663, 53.7427



87.7096, -34.6540, -114.0464

Square

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



87.7096, -17.2697, 53.7433



87.7096, -75.7837, -8.4678



87.7096, 8.6525, -124.7022



87.7096, 100.2669, 16.2275

Rectangle

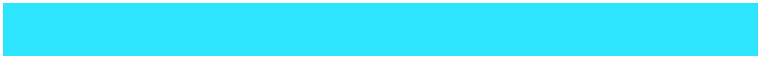
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7075, -17.2663, 53.7427



87.7096, -67.7337, 38.2018



87.7096, 8.6525, -124.7022



87.7096, 83.5101, -51.1485

Sweetspot

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



87.7096, -17.2697, 53.7433



96.3818, -13.9767, 33.0730



44.5125, 76.3125, 28.0852



44.3865, -6.8624, 16.6739

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7096, -17.2697, 53.7433



90.9358, -17.8924, 55.7210



84.9087, -55.9384, 51.3404



43.7252, -3.7829, 6.8120



63.8491, -12.6558, 39.1219



19.0722, -3.9687, 11.6827

Inverse Universe

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



26.6211, 67.2299, -178.4000



27.5789, 69.8117, -185.1747



31.3767, 75.1297, -145.6277



40.1234, -0.5157, -2.6853



19.5341, 48.1567, -128.3725



6.2817, 12.3534, -34.5191

Previews

White Background



This preview shows how the HunterLab color 87.7075, -17.2663, 53.7427 looks on a white background.

Color Contrast Check

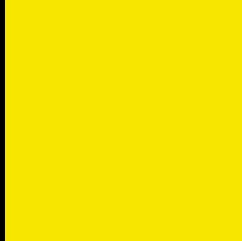
Large Text (above 18pt) WCAG AA × Fail

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 87.7075, -17.2663, 53.7427 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 87.7075, -17.2663, 53.7427 Background



This preview shows how black text looks on a background with the HunterLab color 87.7075, -17.2663, 53.7427.



This preview shows how white text looks on a background with the HunterLab color 87.7075, -17.2663, 53.7427.

-17.2663, 53.7427.

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

87.7075, -17.2663, 53.7427

Protanopia

87.7737, -11.8147, 51.2642

Deuteranopia

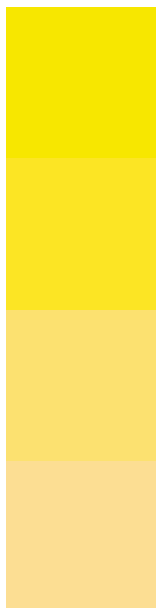
87.5426, 0.1291, 26.1272



Tritanopia

87.5530, 10.8554, 2.9433

Trichromacy



Original Color

87.7075, -17.2663, 53.7427

Protanomaly

87.6707, -13.9910, 52.6486

Deuteranomaly

87.0148, -8.6904, 43.0210

Tritanomaly

86.6283, -4.2045, 34.4138

Monochromacy



Original Color

87.7075, -17.2663, 53.7427

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

81.8579, -13.5533, 34.1307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7075, -17.2663, 53.7427 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(247, 231, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 0)  
}
```

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(247, 231, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7075, -17.2663, 53.7427 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(247, 231, 0) }
```


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

```
.border{ border-color:rgb(247, 231, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7075, -17.2663, 53.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 0) }
```

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

```
.background{ background-color: rgb(247,  
231, 0) }
```

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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