

Converting Colors

HunterLab(80.7209, -17.6828,
45.9761)

Have a look what the booklet for
HunterLab(80.7209, -17.6828,
45.9761) contains.

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Color

**HunterLab(80.7209,
-17.6828, 45.9761)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD83F
RGB	223, 216, 63
RGB Percent	87%, 85%, 25%
CMY	0.1255, 0.1529, 0.7529
CMYK	0.00, 0.03, 0.72, 0.13
HSL	57°, 71%, 56%
HSV	57°, 72%, 87%
XYZ	55.8845, 65.1586, 14.3342
YIQ	200.6510, 53.2850, -46.0990

Conversions

Conversions Part 2

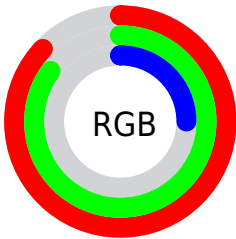
Format	Color
RYB	70, 223, 63
Decimal	14669887
CIELab	84.57, -14.60, 71.65
CIELCh	85, 73.118, 101.515
Yxy	65.1617, 0.4128, 0.4813
Android (android.graphics.Color)	4292859967 (0xFFDFD83F)
YUV	200.6510, -67.8619, 19.6001
Hunter-Lab	80.7209, -17.6828, 45.9761

Details

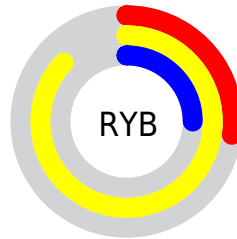
The HunterLab color **80.7209, -17.6828, 45.9761** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **32.8099, 38.1146, -105.2703**, and the grayscale version is **76.5419, -4.0841, 4.1587**.

A 20% lighter version of the original color is **97.0237, -21.8933, 48.5437**, and **58.0803, -14.8797, 35.5283** is the 20% darker color. If you saturate the color by 10%, you get **80.2887, -17.9282, 47.6303**, and if you desaturate by 10%, it is **81.2185, -17.0987, 43.4266**.

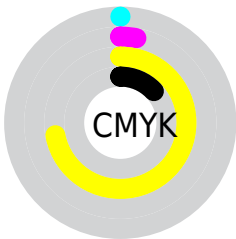
Distribution



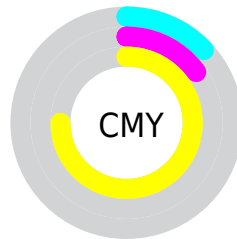
- Red (87%)
- Green (85%)
- Blue (25%)



- Red (27%)
- Yellow (87%)
- Blue (25%)



- Cyan (0%)
- Magenta (3%)
- Yellow (72%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7209, -17.6828, 45.9761 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 80.7209, -17.6828, 45.9761 by changing the saturation by 10% instead.

80.7209, -17.6828,
45.9761

80.7209, -17.6828,
45.9761

210.5642,
-29.9546, 82.4046

68.9871, -16.3289,
41.2325

105.9633,
-20.3863, 54.9215

57.8827, -14.9614,
36.2754

119.4162,
-21.7367, 59.1652

47.4477, -13.5760,
31.0848

133.3945,
-23.0903, 63.2810

37.7283, -12.1625,
25.8392

147.8794,
-24.4487, 67.2841

28.7815, -10.7052,
20.1471

162.8536,
-25.8134, 71.1875

20.6810, -9.1783,
14.4767

178.3017,

13.5267, -7.5360,

-27.1854, 75.0025

9.4687

194.2095,
-28.5655, 78.7387

■ 7.1105, -9.3248,
4.9774

0.0000, NaN, NaN

■ 80.7209, -17.6828,
45.9761

■ 80.7209, -17.6828,
45.9761

■ 80.2887, -17.9282,
47.6303

■ 81.2185, -17.0987,
43.4266

■ 79.9091, -17.8658,
48.4892

■ 81.7814, -16.1376,
39.9047

■ 79.6262, -17.6450,
48.7564

■ 82.4158, -14.7805,
35.3562

■ 83.1253, -13.0118,
29.7426

■ 83.9125, -10.8213,
23.0398

■ 84.7794, -8.2039,
15.2369

■ 85.7275, -5.1588,
6.3339

■ 86.7577, -1.6893,
-3.6590

■ 87.5435, 0.4296,
-10.1229

Harmonies

Analogous

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



80.7228, 18.8571, 45.2462



80.7209, -17.6828, 45.9761



80.7228, -45.3024, 39.8115

Triad

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



80.7228, -17.6857, 45.9767



80.7228, -49.9257, -52.6544



80.7228, 72.4911, -19.4270

Complementary

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



80.7209, -17.6828, 45.9761



32.8099, 38.1146, -105.2703

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.



80.7228, 46.9507, -62.1972



80.7209, -17.6828, 45.9761



80.7228, -25.1299, -86.4700

Square

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



80.7228, -17.6857, 45.9767



80.7228, -61.6137, -9.9057



80.7228, 9.9944, -90.5738



80.7228, 75.4385, 16.4778

Rectangle

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



80.7209, -17.6828, 45.9761



80.7228, -56.6401, 29.9361



80.7228, 9.9944, -90.5738



80.7228, 66.0789, -33.7950

Sweetspot

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



80.7228, -17.6857, 45.9767



97.6444, -12.7140, 27.1735



44.3831, 56.4430, 20.3720



45.0552, -6.2245, 13.6099

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7228, -17.6857, 45.9767



93.2424, -20.8759, 56.0440



77.2745, -42.7220, 43.2594



39.9017, -3.5408, 6.2385



61.0945, -13.5852, 37.4083



16.1846, -3.7254, 9.9077

Inverse Universe

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



32.8099, 38.1146, -105.2703



30.8031, 60.3487, -162.0642



37.4627, 53.9839, -86.4573



36.5224, -0.3784, -2.4819



18.1647, 45.9905, -121.9847



5.1294, 10.7139, -29.5395

Previews

White Background



This preview shows how the HunterLab color 80.7209, -17.6828, 45.9761 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 80.7209, -17.6828, 45.9761 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 80.7209, -17.6828, 45.9761 Background



This preview shows how black text looks on a background with the HunterLab color 80.7209, -17.6828, 45.9761.



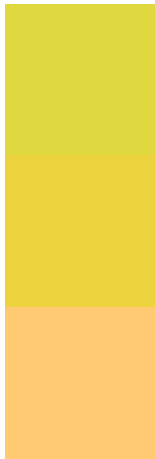
This preview shows how white text looks on a background with the HunterLab color 80.7209, -17.6828, 45.9761.

-17.6828, 45.9761.

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

80.7209, -17.6828, 45.9761

Protanopia

80.5859, -10.1419, 46.1260

Deuteranopia

80.4462, 4.3285, 37.9134



Tritanopia

80.6745, 9.8006, 1.6379

Trichromacy



Original Color

80.7209, -17.6828, 45.9761

Protanomaly

80.6797, -12.9945, 46.1378

Deuteranomaly

80.3160, -4.2253, 41.4242

Tritanomaly

80.1173, -2.7368, 24.3671

Monochromacy



Original Color

80.7209, -17.6828, 45.9761

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

77.4159, -11.0800, 25.0863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7209, -17.6828, 45.9761 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(223, 216, 63)` looks like.

```
.text, #text, p{  
    color:rgb(223, 216, 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(223, 216, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 216, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7209, -17.6828, 45.9761 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(223, 216, 63) }
```


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

```
.border{ border-color:rgb(223, 216, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 216, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 216, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 216, 63);  
box-shadow:4px 4px 4px 4px rgb(223, 216,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7209, -17.6828, 45.9761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 216, 63) }
```

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

```
.background{ background-color: rgb(223,  
216, 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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