

Converting Colors

HunterLab(80.9524, -28.7893,
48.5408)

Have a look what the booklet for
HunterLab(80.9524, -28.7893,
48.5408) contains.

HunterLab(80.9695, -28.7406, 48.5387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.9695,
-28.7406, 48.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBDF1D</code>
RGB	203, 223, 29
RGB Percent	80%, 87%, 11%
CMY	0.2039, 0.1255, 0.8862
CMYK	0.09, 0.00, 0.87, 0.13
HSL	66°, 77%, 49%
HSV	66°, 87%, 87%
XYZ	51.2381, 65.5606, 11.1163
YIQ	194.9040, 50.3540, -64.5740

Conversions

Conversions Part 2

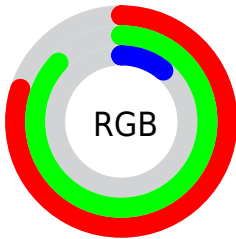
Format	Color
R _Y B	29, 223, 49
Decimal	13360925
CIE Lab	84.77, -27.43, 80.27
CIE LCh	85, 84.826, 108.868
Yxy	65.5636, 0.4006, 0.5125
Android (android.graphics.Color)	4291551005 (0xFFC _B D _F 1 _D)
YUV	194.9040, -81.7907, 7.1002
Hunter-Lab	80.9695, -28.7406, 48.5387

Details

The HunterLab color **80.9695, -28.7406, 48.5387** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **26.1933, 56.5690, -140.9024**, and the grayscale version is **74.1551, -3.9567, 4.0290**.

A 20% lighter version of the original color is **96.7790, -23.2778, 52.1481**, and **58.2534, -23.7933, 35.4789** is the 20% darker color. If you saturate the color by 10%, you get **80.7273, -29.7588, 49.0813**, and if you desaturate by 10%, it is **81.2662, -27.4426, 47.2838**.

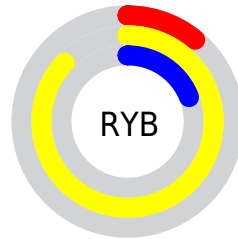
Distribution



Red (80%)

Green (87%)

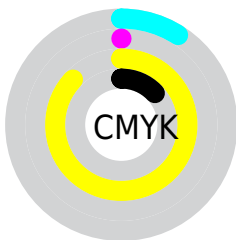
Blue (11%)



Red (11%)

Yellow (87%)

Blue (19%)

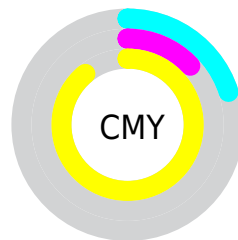


Cyan (9%)

Magenta (0%)

Yellow (87%)

Black (13%)



Cyan (20%)

Magenta (13%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9695, -28.7406, 48.5387 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 80.9695, -28.7406, 48.5387 by changing the saturation by 10% instead.

80.9695, -28.7406,
48.5387

80.9695, -28.7406,
48.5387

210.9063,
-45.8946, 88.8129

69.2230, -26.7082,
43.2906

106.2355,
-32.6925, 58.4492

58.1052, -24.6177,
37.8219

119.6994,
-34.6234, 63.1505

47.6560, -22.4547,
32.1265

133.6884,
-36.5331, 67.7072

37.9212, -20.1950,
26.5449

148.1835,
-38.4260, 72.1351

28.9579, -17.8024,
20.2705

163.1676,
-40.3059, 76.4483

20.8390, -15.2190,
14.5873

178.6253,

13.6639, -12.3432,

-42.1757, 80.6588

9.5647

194.5425,
-44.0379, 84.7772

■ 7.2694, -12.7214,
5.0886

0.0000, NaN, NaN

■ 80.9695, -28.7406,
48.5387

■ 80.9695, -28.7406,
48.5387

■ 80.7273, -29.7588,
49.0813

■ 81.2662, -27.4426,
47.2838

■ 80.6590, -30.0364,
49.1759

■ 81.6208, -25.8084,
45.1857

■ 82.0416, -23.8073,
42.1542

■ 82.5337, -21.4150,
38.1211

■ 83.1014, -18.6144,
33.0363

■ 83.7479, -15.3946,
26.8654

■ 84.4757, -11.7499,
19.5877

■ 85.2869, -7.6796,
11.1948

■ 86.1829, -3.1874,
1.6898

Harmonies

Analogous

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



80.9714, 11.8068, 49.2888



80.9695, -28.7406, 48.5387



80.9714, -56.4648, 40.3267

Triad

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



80.9714, -28.7432, 48.5392



80.9714, -50.7560, -77.0622



80.9714, 90.7412, -11.8107

Complementary

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



80.9695, -28.7406, 48.5387



26.1933, 56.5690, -140.9024

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.



80.9714, 65.6482, -63.8581



80.9695, -28.7406, 48.5387



80.9714, -19.2846, -112.4438

Square

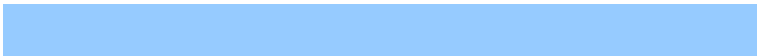
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9714, -28.7432, 48.5392



80.9714, -67.2760, -24.4667



80.9714, 23.3811, -106.6623



80.9714, 86.7732, 25.4634

Rectangle

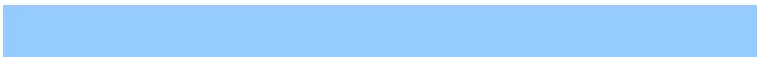
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9695, -28.7406, 48.5387



80.9714, -66.5510, 27.4356



80.9714, 23.3811, -106.6623



80.9714, 85.2503, -28.3367

Sweetspot

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



80.9714, -28.7432, 48.5392



97.5537, -17.6013, 30.6472



42.3385, 59.6780, 25.5045



45.0052, -8.7806, 15.4225

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.9714, -28.7432, 48.5392



93.8770, -35.0299, 57.2333



74.8124, -53.0727, 44.2480



39.9425, -4.0935, 6.2727



61.8711, -22.9421, 37.7230



16.3534, -5.7968, 9.9754

Inverse Universe

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



26.1933, 56.5690, -140.9024



27.2829, 73.1854, -187.5047



35.0205, 68.7337, -95.4165



36.4837, 0.1613, -2.5228



18.0627, 48.2754, -122.7640



4.9938, 12.9000, -30.4779

Previews

White Background



This preview shows how the HunterLab color 80.9695, -28.7406, 48.5387 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 80.9695, -28.7406, 48.5387 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 80.9695, -28.7406, 48.5387 Background



This preview shows how black text looks on a background with the HunterLab color 80.9695, -28.7406, 48.5387.



This preview shows how white text looks on a background with the HunterLab color 80.9695, -28.7406, 48.5387.

-28.7406, 48.5387.

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

80.9695, -28.7406, 48.5387

Protanopia

80.8296, -11.2060, 48.9360

Deuteranopia

80.7243, 3.7374, 38.3328



Tritanopia

80.6644, 2.6313, -2.0832

Trichromacy



Original Color

80.9695, -28.7406, 48.5387

Protanomaly

80.7427, -17.9553, 48.7213

Deuteranomaly

80.3338, -9.1283, 43.4500

Tritanomaly

80.0216, -12.9252, 26.7534

Monochromacy



Original Color

80.9695, -28.7406, 48.5387

Achromatopsia

73.8732, -3.9417, 4.0137

Achromatomaly

75.7745, -16.0154, 28.4763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9695, -28.7406, 48.5387 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(203, 223, 29)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 29)  
}
```

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(203, 223, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9695, -28.7406, 48.5387 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(203, 223, 29) }
```


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

```
.border{ border-color:rgb(203, 223, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 29);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9695, -28.7406, 48.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 29) }
```

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

```
.background{ background-color: rgb(203,  
223, 29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor