

Converting Colors

HunterLab(83.0577, -5.4378,
51.0846)

Have a look what the booklet for
HunterLab(83.0577, -5.4378,
51.0846) contains.

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Color

**HunterLab(82.9750, -5.3013,
51.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD500
RGB	255, 213, 0
RGB Percent	100%, 84%, 0%
CMY	0.0000, 0.1647, 0.9999
CMYK	0.00, 0.16, 1.00, 0.00
HSL	50°, 100%, 50%
HSV	50°, 100%, 100%
XYZ	65.0342, 68.8485, 9.8614
YIQ	201.2760, 93.4050, -57.3390

Conversions

Conversions Part 2

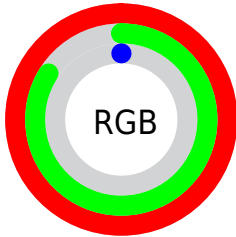
Format	Color
R _Y B	50, 255, 0
Decimal	16766208
CIE Lab	86.43, -0.91, 86.78
CIE LCh	86, 86.789, 90.604
Yxy	68.8519, 0.4524, 0.4790
Android (android.graphics.Color)	4294956288 (0xFFFFD500)
YUV	201.2760, -99.2291, 47.1159
Hunter-Lab	82.9750, -5.3013, 51.0360

Details

The HunterLab color **82.9750, -5.3013, 51.0360** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **29.7950, 60.9607, -168.8345**, and the grayscale version is **76.9272, -4.1046, 4.1796**.

A 20% lighter version of the original color is **96.6874, -23.7971, 53.5002**, and **60.1113, -3.0727, 36.9865** is the 20% darker color. If you saturate the color by 10%, you get **82.9756, -5.3029, 51.0364**, and if you desaturate by 10%, it is **84.2998, -7.1658, 51.1517**.

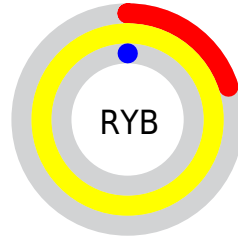
Distribution



Red (100%)

Green (84%)

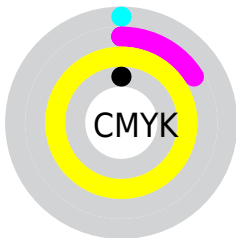
Blue (0%)



Red (20%)

Yellow (100%)

Blue (0%)

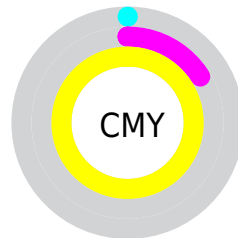


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.9750, -5.3013, 51.0360 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 82.9750, -5.3013, 51.0360 by changing the saturation by 10% instead.

82.9750, -5.3013,
51.0360

82.9750, -5.3013,
51.0360

213.6606,
-12.6096, 94.0246

71.1274, -4.6281,
45.4516

108.4297, -6.7461,
61.6068

59.9026, -3.9822,
39.6490

121.9820, -7.5083,
66.6272

49.3397, -3.3688,
33.6548

136.0561, -8.2970,
71.4943

39.4830, -2.7895,
27.6381

150.6334, -9.1112,
76.2240

30.3872, -2.2464,
21.2710

165.6971, -9.9503,
80.8301

22.1224, -1.7418,
15.4857

181.2319,

14.7824, -1.2786,

-10.8135, 85.3252

10.3477

197.2240,
-11.7001, 89.7201

■ 8.4375, -0.9230,
5.9062

0.0000, NaN, NaN

■ 82.9750, -5.3013,
51.0360

■ 82.9750, -5.3013,
51.0360

■ 82.9756, -5.3029,
51.0364

■ 84.2998, -7.1658,
51.1517

■ 85.6894, -8.7186,
50.4796

■ 87.1594, -9.8839,
48.8174

■ 88.7159, -10.6234,
46.0747

■ 90.3629, -10.9125,
42.1975

■ 92.1027, -10.7366,
37.1575

■ 93.9365, -10.0889,
30.9467

■ 95.8647, -8.9687,
23.5726

■ 97.8868, -7.3806,
15.0547

Harmonies

Analogous

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



82.9770, 40.3759, 48.0671



82.9750, -5.3013, 51.0360



82.9770, -42.6081, 47.7924

Triad

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



82.9770, -5.3049, 51.0366



82.9770, -64.4792, -46.5863



82.9770, 80.9926, -44.3495

Complementary

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



82.9750, -5.3013, 51.0360



29.7950, 60.9607, -168.8345

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.



82.9770, 42.2036, -96.2614



82.9750, -5.3013, 51.0360



82.9770, -41.3761, -97.9527

Square

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



82.9770, -5.3049, 51.0366



82.9770, -72.1979, 3.6801



82.9770, -3.5552, -119.6146



82.9770, 95.9689, 5.3446

Rectangle

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



82.9750, -5.3013, 51.0360



82.9770, -59.3348, 40.6316



82.9770, -3.5552, -119.6146



82.9770, 69.9621, -62.8650

Sweetspot

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



82.9770, -5.3049, 51.0366



93.9349, -10.0898, 30.9541



46.2940, 79.6458, 27.0519



43.0956, -4.8210, 15.5980

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.9770, -5.3049, 51.0366



82.9760, -5.3029, 51.0366



89.4799, -52.1802, 54.2230



45.3336, -3.3736, 6.7607



60.1371, -4.0927, 36.9845



19.1070, -1.8355, 11.7415

Inverse Universe

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



29.7950, 60.9607, -168.8345



29.7921, 60.9708, -168.8560



30.2534, 75.6690, -165.4423



42.2622, -1.1237, -2.3868



21.8604, 42.8647, -119.8563



7.7158, 10.3794, -32.0502

Previews

White Background



This preview shows how the HunterLab color 82.9750, -5.3013, 51.0360 looks on a white background.

Color Contrast Check

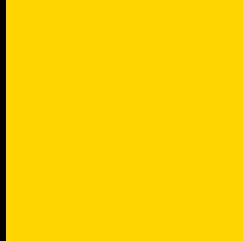
Large Text (above 18pt) WCAG AA × Fail

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 82.9750, -5.3013, 51.0360 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 82.9750, -5.3013, 51.0360 Background



This preview shows how black text looks on a background with the HunterLab color 82.9750, -5.3013, 51.0360.



This preview shows how white text looks on a background with the HunterLab color 82.9750, -5.3013,

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

82.9750, -5.3013, 51.0360

Protanopia

82.9931, -11.5230, 50.7536

Deuteranopia

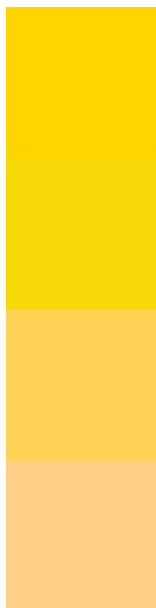
82.8484, 2.5677, 34.4265



Tritanopia

82.9620, 15.6123, 5.9283

Trichromacy



Original Color

82.9750, -5.3013, 51.0360

Protanomaly

83.1152, -9.5068, 50.9258

Deuteranomaly

82.4872, -1.5154, 44.3206

Tritanomaly

82.2577, 3.6028, 33.9610

Monochromacy



Original Color

82.9750, -5.3013, 51.0360

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

77.8417, -8.8487, 32.2558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.9750, -5.3013, 51.0360 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, 213, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 82.9750, -5.3013, 51.0360 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, 213, 0) }
```


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

```
.border{ border-color:rgb(255, 213, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.9750, -5.3013, 51.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 0) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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