

Converting Colors

HunterLab(82.1320, -3.9026,
50.5411)

Have a look what the booklet for
HunterLab(82.1320, -3.9026,
50.5411) contains.

HunterLab(82.0690, -3.7974, 50.5040)	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(82.0690, -3.7974,
50.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD200
RGB	255, 210, 0
RGB Percent	100%, 82%, 0%
CMY	0.0000, 0.1764, 0.9999
CMYK	0.00, 0.18, 1.00, 0.00
HSL	49°, 100%, 50%
HSV	49°, 100%, 100%
XYZ	64.2866, 67.3532, 9.6123
YIQ	199.5150, 94.2300, -55.7700

Conversions

Conversions Part 2

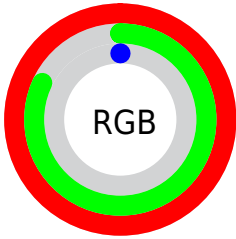
Format	Color
R _Y B	55, 255, 0
Decimal	16765440
CIE Lab	85.68, 0.61, 86.26
CIE LCh	86, 86.261, 89.595
Yxy	67.3565, 0.4551, 0.4768
Android (android.graphics.Color)	4294955520 (0xFFFFD200)
YUV	199.5150, -98.3609, 48.6603
Hunter-Lab	82.0690, -3.7974, 50.5040

Details

The HunterLab color **82.0690, -3.7974, 50.5040** 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 **30.1638, 59.5870, -166.3298**, and the grayscale version is **76.1722, -4.0644, 4.1386**.

A 20% lighter version of the original color is **96.6874, -23.7971, 53.5002**, and **59.2574, -1.6420, 36.4854** is the 20% darker color. If you saturate the color by 10%, you get **82.0694, -3.7987, 50.5043**, and if you desaturate by 10%, it is **83.4759, -5.8165, 50.6610**.

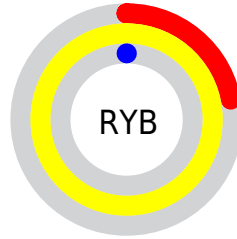
Distribution



Red (100%)

Green (82%)

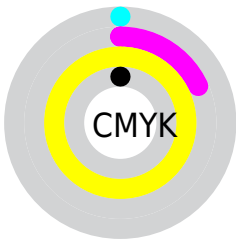
Blue (0%)



Red (22%)

Yellow (100%)

Blue (0%)

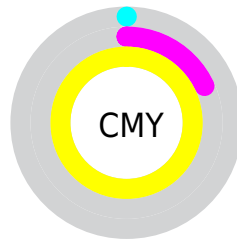


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.0690, -3.7974, 50.5040 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 82.0690, -3.7974, 50.5040 by changing the saturation by 10% instead.

82.0690, -3.7974,
50.5040

82.0690, -3.7974,
50.5040

212.4177,
-10.5463, 93.3498

70.2669, -3.1999,
44.9331

107.4389, -5.1014,
61.0454

59.0902, -2.6339,
39.1434

120.9514, -5.7975,
66.0502

48.5784, -2.1053,
33.1731

134.9872, -6.5225,
70.9014

38.7765, -1.6170,
27.1435

149.5275, -7.2754,
75.6148

29.7401, -1.1726,
20.8181

164.5554, -8.0550,
80.2045

21.5408, -0.7768,
15.0786

180.0555, -8.8605,

14.2747, -0.4363,

84.6832

9.9923

196.0139, -9.6912,
89.0617

■ 7.9323, -0.0884,
5.5526

0.0000, NaN, NaN

■ 82.0690, -3.7974,
50.5040

■ 82.0690, -3.7974,
50.5040

■ 82.0694, -3.7987,
50.5043

■ 83.4759, -5.8165,
50.6610

■ 84.9503, -7.5212,
50.0260

■ 86.5074, -8.8358,
48.3982

■ 88.1531, -9.7228,
45.6897

■ 89.8912, -10.1584,
41.8498

■ 91.7236, -10.1292,
36.8538

■ 93.6512, -9.6292,
30.6968

■ 95.6741, -8.6589,
23.3893

■ 97.7915, -7.2238,
14.9538

Harmonies

Analogous

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



82.0710, 41.5078, 47.3435



82.0690, -3.7974, 50.5040



82.0710, -41.1666, 47.5258

Triad

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



82.0710, -3.8010, 50.5046



82.0710, -64.3347, -44.3012



82.0710, 79.2390, -45.7891

Complementary

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



82.0690, -3.7974, 50.5040



30.1638, 59.5870, -166.3298

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.



82.0710, 40.2924, -96.7807



82.0690, -3.7974, 50.5040



82.0710, -41.9855, -95.6555

Square

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



82.0710, -3.8010, 50.5046



82.0710, -71.4760, 5.0187



82.0710, -4.9643, -118.5261



82.0710, 95.0682, 3.9121

Rectangle

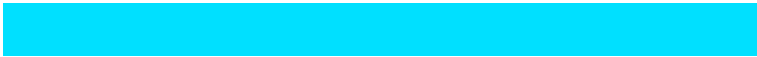
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0690, -3.7974, 50.5040



82.0710, -58.0731, 40.7115



82.0710, -4.9643, -118.5261



82.0710, 68.0706, -64.1118

Sweetspot

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



82.0710, -3.8010, 50.5046



93.6493, -9.6301, 30.7046



46.3291, 79.7756, 26.5333



42.9451, -4.5793, 15.4714

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.0710, -3.8010, 50.5046



82.0697, -3.7987, 50.5045



89.7485, -51.1054, 54.4074



45.2915, -3.3045, 6.7164



59.4920, -3.0247, 36.6057



18.9276, -1.5439, 11.6361

Inverse Universe

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



30.1638, 59.5870, -166.3298



30.1605, 59.5980, -166.3531



29.9328, 75.3752, -167.6305



42.3035, -1.1934, -2.3348



22.1412, 41.8427, -118.0010



7.8258, 10.0461, -31.4682

Previews

White Background



This preview shows how the HunterLab color 82.0690, -3.7974, 50.5040 looks on a white background.

Color Contrast Check

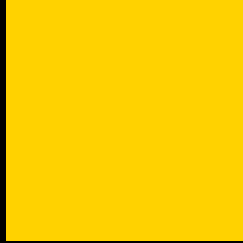
Large Text (above 18pt) WCAG AA × Fail

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 82.0690, -3.7974, 50.5040 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 82.0690, -3.7974, 50.5040 Background



This preview shows how black text looks on a background with the HunterLab color 82.0690, -3.7974, 50.5040.



This preview shows how white text looks on a background with the HunterLab color 82.0690, -3.7974,

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

82.0690, -3.7974, 50.5040

Protanopia

82.1584, -11.3049, 50.2205

Deuteranopia

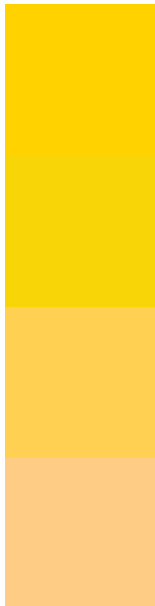
82.1084, 2.7991, 36.1451



Tritanopia

82.0193, 16.7565, 6.2837

Trichromacy



Original Color

82.0690, -3.7974, 50.5040

Protanomaly

82.0828, -8.4154, 50.3072

Deuteranomaly

81.8327, -0.8108, 44.7706

Tritanomaly

81.3431, 4.9733, 33.7708

Monochromacy



Original Color

82.0690, -3.7974, 50.5040

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

77.4168, -8.8070, 32.1724

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.0690, -3.7974, 50.5040 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, 210, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 82.0690, -3.7974, 50.5040 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, 210, 0) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.0690, -3.7974, 50.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 0) }
```

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

```
.background{ background-color: rgb(255,  
210, 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](#).

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