

Converting Colors

HunterLab(81.5539, -2.9353,
50.2017)

Have a look what the booklet for
HunterLab(81.5539, -2.9353,
50.2017) contains.

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Color

**HunterLab(81.4689, -2.7924,
50.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD000
RGB	255, 208, 0
RGB Percent	100%, 82%, 0%
CMY	0.0000, 0.1843, 0.9999
CMYK	0.00, 0.18, 1.00, 0.00
HSL	49°, 100%, 50%
HSV	49°, 100%, 100%
XYZ	63.7959, 66.3718, 9.4487
YIQ	198.3410, 94.7800, -54.7240

Conversions

Conversions Part 2

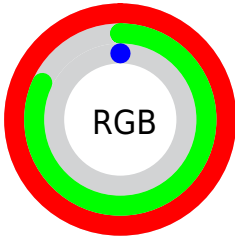
Format	Color
R_{YB}	58, 255, 0
Decimal	16764928
CIE Lab	85.19, 1.63, 85.91
CIE LCh	85, 85.927, 88.913
Yxy	66.3751, 0.4569, 0.4754
Android (android.graphics.Color)	4294955008 (0xFFFFD000)
YUV	198.3410, -97.7821, 49.6899
Hunter-Lab	81.4689, -2.7924, 50.1518

Details

The HunterLab color **81.4689, -2.7924, 50.1518** 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 **30.4218, 58.6409, -164.6100**, and the grayscale version is **75.6695, -4.0375, 4.1113**.

A 20% lighter version of the original color is **96.6789, -23.8454, 53.6259**, and **58.6930, -0.6851, 36.1543** is the 20% darker color. If you saturate the color by 10%, you get **81.4692, -2.7936, 50.1521**, and if you desaturate by 10%, it is **82.9298, -4.9150, 50.3357**.

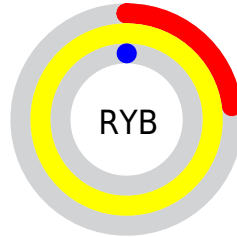
Distribution



Red (100%)

Green (82%)

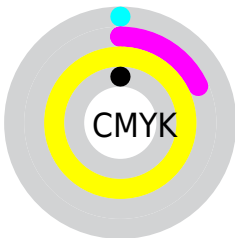
Blue (0%)



Red (23%)

Yellow (100%)

Blue (0%)

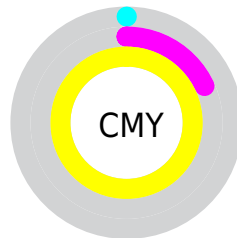


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 81.4689, -2.7924, 50.1518 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 81.4689, -2.7924, 50.1518 by changing the saturation by 10% instead.


 81.4689, -2.7924,
50.1518


 81.4689, -2.7924,
50.1518


211.5933, -9.1672,
92.9031


 69.6972, -2.2455,
44.5898


 106.7822, -4.0022,
60.6737

 58.5525, -1.7328,
38.8085


 120.2683, -4.6542,
65.6682

 48.0748, -1.2611,
32.8557


 134.2786, -5.3366,
70.5088

 38.3094, -0.8337,
26.8166

 148.7943, -6.0484,
75.2115

 29.3128, -0.4553,
20.5190

 163.7984, -6.7883,
79.7904

 21.1572, -0.1323,
14.8101


 179.2754, -7.5553,

 13.9406, 0.1262,


84.2582


9.7584


195.2113, -8.3485,
88.6258


 7.5781, 0.5324,
5.3047


0.0000, NaN, NaN

 81.4689, -2.7924,
50.1518

 81.4689, -2.7924,
50.1518

 81.4692, -2.7936,
50.1521

 82.9298, -4.9150,
50.3357

 84.4598, -6.7213,
49.7251

 86.0744, -8.1358,
48.1197

 87.7792, -9.1215,
45.4337

■ 89.5775, -9.6551,
41.6185

■ 91.4713, -9.7239,
36.6516

■ 93.4612, -9.3226,
30.5305

■ 95.5470, -8.4523,
23.2675

■ 97.7279, -7.1193,
14.8869

Harmonies

Analogous

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



81.4709, 42.2665, 46.8626



81.4689, -2.7924, 50.1518



81.4709, -40.2063, 47.3475

Triad

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



81.4709, -2.7961, 50.1524



81.4709, -64.2391, -42.7957



81.4709, 78.0776, -46.7610

Complementary

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



81.4689, -2.7924, 50.1518



30.4218, 58.6409, -164.6100

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.



81.4709, 39.0278, -97.1353



81.4689, -2.7924, 50.1518



81.4709, -42.3877, -94.1358

Square

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



81.4709, -2.7961, 50.1524



81.4709, -70.9983, 5.8950



81.4709, -5.8953, -117.8071



81.4709, 94.4729, 2.9468

Rectangle

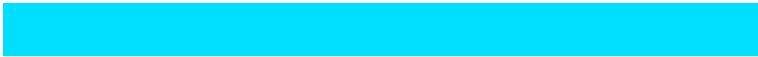
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4689, -2.7924, 50.1518



81.4709, -57.2348, 40.7598



81.4709, -5.8953, -117.8071



81.4709, 66.8181, -64.9543

Sweetspot

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



81.4709, -2.7961, 50.1524



93.4592, -9.3233, 30.5383



46.3678, 79.9186, 25.9624



42.8450, -4.4181, 15.3870

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.4709, -2.7961, 50.1524



81.4696, -2.7936, 50.1523



90.0248, -50.0035, 54.5969



45.2635, -3.2585, 6.6869



59.0647, -2.3111, 36.3549



18.8087, -1.3490, 11.5662

Inverse Universe

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



30.4218, 58.6409, -164.6100



30.4185, 58.6521, -164.6335



29.6285, 75.1017, -169.7477



42.3310, -1.2398, -2.3002



22.3368, 41.1422, -116.7332



7.9008, 9.8226, -31.0796

Previews

White Background



This preview shows how the HunterLab color 81.4689, -2.7924, 50.1518 looks on a white background.

Color Contrast Check

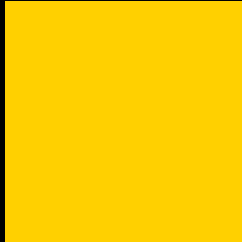
Large Text (above 18pt) WCAG AA × Fail

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 81.4689, -2.7924, 50.1518 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 81.4689, -2.7924, 50.1518 Background



This preview shows how black text looks on a background with the HunterLab color 81.4689, -2.7924, 50.1518.



This preview shows how white text looks on a background with the HunterLab color 81.4689, -2.7924,

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

81.4689, -2.7924, 50.1518

Protanopia

81.6335, -11.5827, 49.8909

Deuteranopia

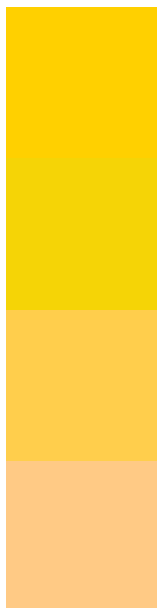
81.4117, 3.2502, 37.2815



Tritanopia

81.3951, 17.5224, 6.5224

Trichromacy



Original Color

81.4689, -2.7924, 50.1518

Protanomaly

81.5553, -8.7020, 49.9764

Deuteranomaly

81.1939, -0.0351, 45.0377

Tritanomaly

80.7431, 5.9202, 33.5627

Monochromacy



Original Color

81.4689, -2.7924, 50.1518

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

76.6860, -8.2738, 31.8477

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.4689, -2.7924, 50.1518 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, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 81.4689, -2.7924, 50.1518 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, 208, 0) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.4689, -2.7924, 50.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 0) }
```

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

```
.background{ background-color: rgb(255,  
208, 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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