

Converting Colors

HunterLab(81.8908, -5.0076,
50.3731)

Have a look what the booklet for
HunterLab(81.8908, -5.0076,
50.3731) contains.

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Color

**HunterLab(81.7243, -4.9965,
50.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD200
RGB	252, 210, 0
RGB Percent	99%, 82%, 0%
CMY	0.0118, 0.1764, 0.9999
CMYK	0.00, 0.17, 1.00, 0.01
HSL	50°, 100%, 49%
HSV	50°, 100%, 99%
XYZ	63.1914, 66.7886, 9.5609
YIQ	198.6180, 92.4420, -56.4060

Conversions

Conversions Part 2

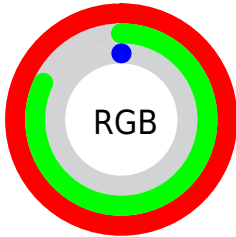
Format	Color
R_{YB}	50, 252, 0
Decimal	16568832
CIE _{Lab}	85.40, -0.67, 85.93
CIE _{LCh}	85, 85.929, 90.446
Yxy	66.7919, 0.4528, 0.4786
Android (android.graphics.Color)	4294758912 (0xFFFC _{D200})
YUV	198.6180, -97.9187, 46.8160
Hunter-Lab	81.7243, -4.9965, 50.2707

Details

The HunterLab color **81.7243, -4.9965, 50.2707** 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 **29.4712, 59.8664, -166.0677**, and the grayscale version is **75.7884, -4.0439, 4.1177**.

A 20% lighter version of the original color is **96.6874, -23.7971, 53.5002**, and **58.9271, -2.7855, 36.2619** is the 20% darker color. If you saturate the color by 10%, you get **81.7250, -4.9982, 50.2711**, and if you desaturate by 10%, it is **83.0446, -6.8580, 50.3859**.

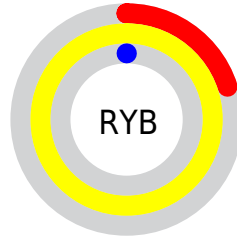
Distribution



Red (99%)

Green (82%)

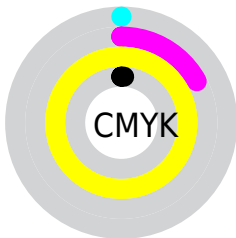
Blue (0%)



Red (20%)

Yellow (99%)

Blue (0%)

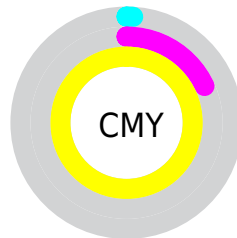


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.7243, -4.9965, 50.2707 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 81.7243, -4.9965, 50.2707 by changing the saturation by 10% instead.

81.7243, -4.9965,
50.2707

81.7243, -4.9965,
50.2707

211.9442,
-12.1932, 93.0031

69.9396, -4.3383,
44.7124

107.0617, -6.4133,
60.7863

58.7813, -3.7083,
38.9349

120.5590, -7.1623,
65.7782

48.2891, -3.1117,
32.9793

134.5802, -7.9382,
70.6165

38.5081, -2.5504,
26.9557

149.1064, -8.7402,
75.3171

29.4945, -2.0268,
20.6462

164.1206, -9.5674,
79.8943

21.3203, -1.5436,
14.9242

179.6075,

14.0825, -1.1043,

-10.4191, 84.3606

9.8578

195.5530,
-11.2946, 88.7269

■ 7.7309, -0.7896,
5.4117

0.0000, NaN, NaN

■ 81.7243, -4.9965,
50.2707

■ 81.7243, -4.9965,
50.2707

■ 81.7250, -4.9982,
50.2711

■ 83.0446, -6.8580,
50.3859

■ 84.4292, -8.4122,
49.7246

■ 85.8934, -9.5838,
48.0867

■ 87.4432, -10.3355,
45.3838

■ 89.0825, -10.6431,
41.5631

■ 90.8134, -10.4925,
36.5978

■ 92.6373, -9.8770,
30.4803

■ 94.5542, -8.7964,
23.2185

■ 96.5638, -7.2553,
14.8323

Harmonies

Analogous

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



81.7263, 40.0121, 47.3118



81.7243, -4.9965, 50.2707



81.7263, -41.8141, 47.1122

Triad

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



81.7263, -5.0001, 50.2713



81.7263, -63.5948, -45.6058



81.7263, 79.6362, -43.9796

Complementary

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



81.7243, -4.9965, 50.2707



29.4712, 59.8664, -166.0677

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.



81.7263, 41.3408, -95.0549



81.7243, -4.9965, 50.2707



81.7263, -40.9185, -96.2845

Square

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



81.7263, -5.0001, 50.2713



81.7263, -71.1201, 3.8413



81.7263, -3.7282, -117.8458



81.7263, 94.5455, 5.0512

Rectangle

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



81.7243, -4.9965, 50.2707



81.7263, -58.3450, 40.1016



81.7263, -3.7282, -117.8458



81.7263, 68.7315, -62.2177

Sweetspot

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



81.7263, -5.0001, 50.2713



93.8873, -10.0133, 30.9126



45.6762, 78.5851, 26.6754



43.0705, -4.7808, 15.5769

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.7263, -5.0001, 50.2713



82.8246, -5.0527, 50.9477



88.2870, -51.4699, 53.5005



44.3501, -3.2879, 6.5997



59.1439, -3.8705, 36.3764



18.3472, -1.7465, 11.2749

Inverse Universe

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



29.4712, 59.8664, -166.0677



29.8519, 60.7462, -168.4460



29.8568, 74.6651, -163.1777



41.3646, -1.1136, -2.3168



21.5977, 41.9963, -117.6533



7.4866, 9.7495, -30.4039

Previews

White Background



This preview shows how the HunterLab color 81.7243, -4.9965, 50.2707 looks on a white background.

Color Contrast Check

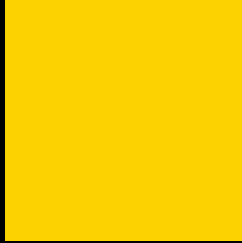
Large Text (above 18pt) WCAG AA × Fail

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 81.7243, -4.9965, 50.2707 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 81.7243, -4.9965, 50.2707 Background



This preview shows how black text looks on a background with the HunterLab color 81.7243, -4.9965, 50.2707.

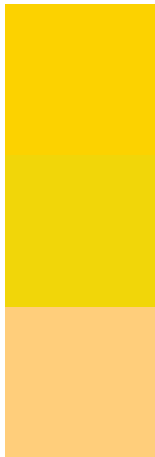


This preview shows how white text looks on a background with the HunterLab color 81.7243, -4.9965,

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

81.7243, -4.9965, 50.2707

Protanopia

81.7396, -11.2072, 49.9839

Deuteranopia

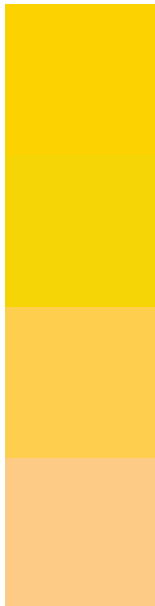
81.7513, 2.9787, 36.8365



Tritanopia

81.7374, 17.2987, 5.9658

Trichromacy



Original Color

81.7243, -4.9965, 50.2707

Protanomaly

81.8622, -9.1947, 50.1573

Deuteranomaly

81.3920, -0.8478, 44.8880

Tritanomaly

80.9345, 5.1002, 33.4382

Monochromacy



Original Color

81.7243, -4.9965, 50.2707

Achromatopsia

75.5728, -4.0324, 4.1060

Achromatomaly

76.9088, -9.0276, 31.7539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.7243, -4.9965, 50.2707 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(252, 210, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 210, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 81.7243, -4.9965, 50.2707 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(252, 210, 0) }
```


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

```
.border{ border-color:rgb(252, 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(252, 210, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.7243, -4.9965, 50.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 0) }
```

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

```
.background{ background-color: rgb(252,  
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](#).

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