

Converting Colors

HunterLab(50.2417, 13.5771,
31.1964)

Have a look what the booklet for
HunterLab(50.2417, 13.5771,
31.1964) contains.

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Color

**HunterLab(50.2417, 13.5771,
31.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7B00
RGB	191, 123, 0
RGB Percent	75%, 48%, 0%
CMY	0.2510, 0.5176, 1.0000
CMYK	0.00, 0.36, 1.00, 0.25
HSL	39°, 100%, 37%
HSV	39°, 100%, 75%
XYZ	28.5688, 25.2423, 3.3665
YIQ	129.3100, 80.0110, -23.8370

Conversions

Conversions Part 2

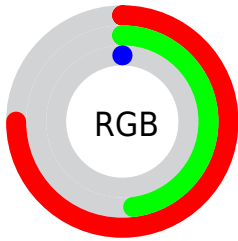
Format	Color
R_{YB}	106, 191, 0
Decimal	12548864
CIE Lab	57.31, 18.93, 63.62
CIE LCh	57, 66.382, 73.429
Yxy	25.2436, 0.4996, 0.4415
Android (android.graphics.Color)	4290738944 (0xFFBF7B00)
YUV	129.3100, -63.7498, 54.1021
Hunter-Lab	50.2417, 13.5771, 31.1964

Details

The HunterLab color **50.2417, 13.5771, 31.1964** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **28.1000, 23.6940, -86.2699**, and the grayscale version is **47.1974, -2.5183, 2.5643**.

A 20% lighter version of the original color is **72.0832, 14.7099, 40.1766**, and **31.3099, 13.4182, 19.5279** is the 20% darker color. If you saturate the color by 10%, you get **50.2423, 13.5755, 31.1967**, and if you desaturate by 10%, it is **51.9973, 10.4836, 31.5160**.

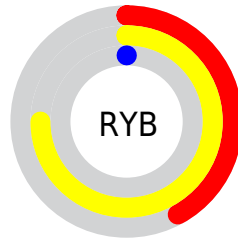
Distribution



Red (75%)

Green (48%)

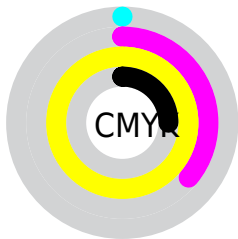
Blue (0%)



Red (42%)

Yellow (75%)

Blue (0%)

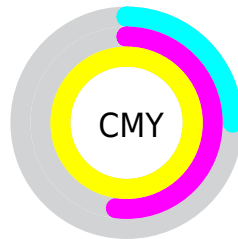


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2417, 13.5771, 31.1964 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 50.2417, 13.5771, 31.1964 by changing the saturation by 10% instead.

■ 50.2417, 13.5771,
31.1964

■ 50.2417, 13.5771,
31.1964

167.0476, 14.5660,
66.9219

■ 40.3220, 13.0952,
26.3360

■ 72.1472, 14.2584,
40.2131

■ 31.1566, 12.5074,
21.7157

■ 84.0503, 14.4831,
44.4232

■ 22.8153, 11.7926,
15.9707

■ 96.5443, 14.6394,
48.4699

■ 15.3891, 10.9276,
10.7724

■ 109.6026, 14.7330,
52.3755

■ 8.9971, 9.9439,
6.2980

■ 123.2017, 14.7686,
56.1588

0.0000, INF, NaN

0.0000, NaN, NaN

■ 137.3210, 14.7504,

59.8357

0.0000, NaN, NaN

151.9418, 14.6819,
63.4196

0.0000, NaN, NaN

50.2417, 13.5771,
31.1964

50.2417, 13.5771,
31.1964

50.2423, 13.5755,
31.1967

51.9973, 10.4836,
31.5160

53.8486, 7.6252,
31.2763

55.8045, 5.0682,
30.3196

57.8634, 2.8325,
28.6223

60.0225, 0.9262,
26.1875

■ 62.2782, -0.6513,
23.0351

■ 64.6263, -1.9061,
19.1950

■ 67.0623, -2.8487,
14.7030

■ 69.5820, -3.4923,
9.5978

Harmonies

Analogous

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



50.2430, 42.5840, 26.7084



50.2417, 13.5771, 31.1964



50.2430, -14.5604, 31.3731

Triad

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



50.2430, 13.5742, 31.1969



50.2430, -44.9856, -10.6391



50.2430, 39.8360, -50.3311

Complementary

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



50.2417, 13.5771, 31.1964



28.1000, 23.6940, -86.2699

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.



50.2430, 10.4106, -76.6835



50.2417, 13.5771, 31.1964



50.2430, -36.0475, -46.6048

Square

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



50.2430, 13.5742, 31.1969



50.2430, -44.5010, 15.2356



50.2430, -17.1053, -75.0359



50.2430, 59.8678, -14.1321

Rectangle

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



50.2417, 13.5771, 31.1964



50.2430, -28.9850, 29.4217



50.2430, -17.1053, -75.0359



50.2430, 30.4676, -61.3372

Sweetspot

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



50.2430, 13.5742, 31.1969



86.3354, -2.4801, 25.9551



33.9399, 59.4260, 11.8206



39.8228, -0.8466, 13.2336



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



50.2430, 13.5742, 31.1969



66.8840, 18.8743, 41.5440



67.3187, -26.9675, 41.0091



32.4552, -1.6398, 4.3020



40.9216, 10.6261, 25.4017



8.8042, 0.7737, 5.4387

Inverse Universe

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



28.1000, 23.6940, -86.2699



37.0486, 33.1488, -117.8663



19.9361, 53.0064, -133.3756



31.2510, -1.6439, -1.0195



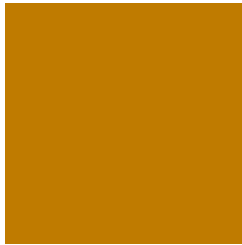
23.0826, 18.4402, -68.6582



5.7771, 1.0300, -9.4444

Previews

White Background



This preview shows how the HunterLab color 50.2417, 13.5771, 31.1964 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2417, 13.5771, 31.1964 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.2417, 13.5771, 31.1964 Background



This preview shows how black text looks on a background with the HunterLab color 50.2417, 13.5771, 31.1964.



This preview shows how white text looks on a background with the HunterLab color 50.2417, 13.5771,

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

50.2417, 13.5771, 31.1964

Protanopia

50.2732, -6.7708, 30.4105

Deuteranopia

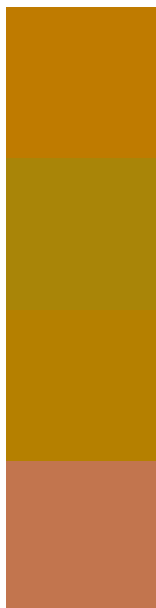
50.3454, 3.3538, 31.0813



Tritanopia

50.2001, 27.2055, 9.2773

Trichromacy



Original Color

50.2417, 13.5771, 31.1964

Protanomaly

50.2271, 0.2154, 30.6823

Deuteranomaly

50.2614, 7.1329, 31.0957

Tritanomaly

49.7413, 20.5544, 22.4188

Monochromacy



Original Color

50.2417, 13.5771, 31.1964

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.3955, 0.1445, 19.2214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2417, 13.5771, 31.1964 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(191, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 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(191, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2417, 13.5771, 31.1964 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(191, 123, 0) }
```


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

```
.border{ border-color:rgb(191, 123, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 123, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 123,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2417, 13.5771, 31.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 0) }
```

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

```
.background{ background-color: rgb(191,  
123, 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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