

Converting Colors

HunterLab(49.9607, 23.1954,
31.1916)

Have a look what the booklet for
HunterLab(49.9607, 23.1954,
31.1916) contains.

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Color

**HunterLab(49.8718, 23.3893,
31.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7200
RGB	204, 114, 0
RGB Percent	80%, 45%, 0%
CMY	0.2000, 0.5529, 1.0000
CMYK	0.00, 0.44, 1.00, 0.20
HSL	34°, 100%, 40%
HSV	34°, 100%, 80%
XYZ	30.9191, 24.8720, 3.1711
YIQ	127.9140, 90.2340, -16.3740

Conversions

Conversions Part 2

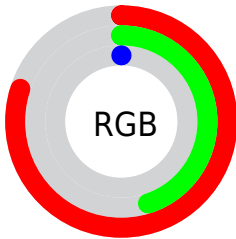
Format	Color
R_{YB}	161, 204, 0
Decimal	13398528
CIE _{Lab}	56.95, 29.43, 64.24
CIE _{LCh}	57, 70.662, 65.388
Yxy	24.8733, 0.5244, 0.4218
Android (android.graphics.Color)	4291588608 (0xFFCC7200)
YUV	127.9140, -63.0616, 66.7274
Hunter-Lab	49.8718, 23.3893, 31.1403

Details

The HunterLab color **49.8718, 23.3893, 31.1403** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **34.1639, 16.2609, -77.8039**, and the grayscale version is **46.6430, -2.4888, 2.5342**.

A 20% lighter version of the original color is **70.2159, 19.6658, 39.1271**, and **31.0165, 21.7907, 19.4937** is the 20% darker color. If you saturate the color by 10%, you get **49.8726, 23.3871, 31.1407**, and if you desaturate by 10%, it is **52.0159, 19.1799, 31.6116**.

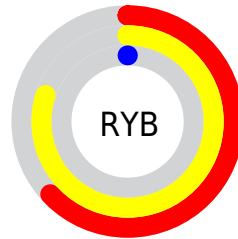
Distribution



Red (80%)

Green (45%)

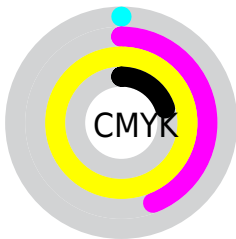
Blue (0%)



Red (63%)

Yellow (80%)

Blue (0%)

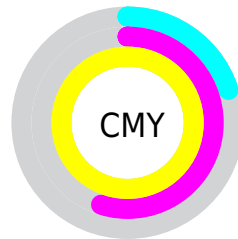


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8718, 23.3893, 31.1403 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 49.8718, 23.3893, 31.1403 by changing the saturation by 10% instead.

49.8718, 23.3893,
31.1403

49.8718, 23.3893,
31.1403

166.4952, 28.1218,
67.2200

39.9783, 22.4135,
26.2306

71.7298, 25.0033,
40.2515

30.8414, 21.3148,
21.5890

83.6110, 25.6694,
44.5052

22.5312, 20.0768,
15.7718

96.0843, 26.2519,
48.5930

15.1402, 18.6947,
10.5981

109.1227, 26.7578,
52.5374

8.7727, 17.3676,
6.1409

122.7027, 27.1931,
56.3574

0.0000, INF, NaN

0.0000, NaN, NaN

136.8035, 27.5626,

60.0691

0.0000, NaN, NaN

151.4066, 27.8710,
63.6862

0.0000, NaN, NaN

49.8718, 23.3893,
31.1403

49.8718, 23.3893,
31.1403

49.8726, 23.3871,
31.1407

52.0159, 19.1799,
31.6116

54.3139, 15.2127,
31.4636

56.7693, 11.5691,
30.5423

59.3755, 8.2775,
28.8391

62.1243, 5.3483,
26.3762

■ 65.0069, 2.7802,
23.1922

■ 68.0147, 0.5631,
19.3345

■ 71.1392, -1.3179,
14.8534

■ 74.3724, -2.8812,
9.7992

Harmonies

Analogous

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



49.8731, 52.8807, 25.0243



49.8718, 23.3893, 31.1403



49.8731, -7.9077, 32.1557

Triad

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



49.8731, 23.3860, 31.1408



49.8731, -47.6968, -2.6540



49.8731, 34.8558, -64.8784

Complementary

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



49.8718, 23.3893, 31.1403



34.1639, 16.2609, -77.8039

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.



49.8731, 2.8062, -87.1588



49.8718, 23.3893, 31.1403



49.8731, -41.1688, -40.0421

Square

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



49.8731, 23.3860, 31.1408



49.8731, -44.6507, 20.4388



49.8731, -24.2667, -76.1062



49.8731, 60.5136, -25.5847

Rectangle

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



49.8718, 23.3893, 31.1403



49.8731, -24.8400, 31.0660



49.8731, -24.2667, -76.1062



49.8731, 24.2251, -75.3991

Sweetspot

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



49.8731, 23.3860, 31.1408



87.3730, 0.8287, 25.0927



36.8872, 65.2549, 7.6701



39.6503, 0.9255, 12.6309

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8731, 23.3860, 31.1408



63.8410, 30.8422, 39.8785



73.9109, -23.5895, 45.1304



34.9802, -1.3911, 4.4460



39.8041, 18.0382, 24.8429



9.8340, 2.4610, 6.1028

Inverse Universe

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



34.1639, 16.2609, -77.8039



43.4946, 21.9645, -101.7796



21.0370, 56.7479, -147.0460



34.1246, -2.1673, -0.8510



27.4319, 12.1878, -60.5975



7.3387, 0.5934, -10.4537

Previews

White Background



This preview shows how the HunterLab color 49.8718, 23.3893, 31.1403 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 49.8718, 23.3893, 31.1403 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 49.8718, 23.3893, 31.1403 Background



This preview shows how black text looks on a background with the HunterLab color 49.8718, 23.3893, 31.1403.



This preview shows how white text looks on a background with the HunterLab color 49.8718, 23.3893,

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

49.8718, 23.3893, 31.1403

Protanopia

50.1826, -7.0769, 30.2192

Deuteranopia

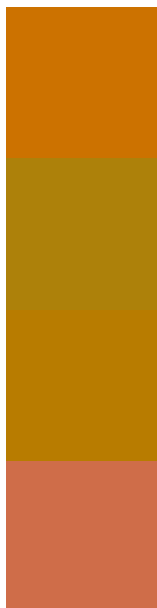
49.8493, 3.0578, 30.7704



Tritanopia

49.9328, 34.8891, 12.4763

Trichromacy



Original Color

49.8718, 23.3893, 31.1403

Protanomaly

49.6051, 3.6504, 30.2871

Deuteranomaly

49.6041, 10.2616, 30.7454

Tritanomaly

49.6827, 29.4740, 23.6080

Monochromacy



Original Color

49.8718, 23.3893, 31.1403

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.7204, 3.3566, 18.9687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8718, 23.3893, 31.1403 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(204, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 114, 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(204, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 114, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8718, 23.3893, 31.1403 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(204, 114, 0) }
```


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

```
.border{ border-color:rgb(204, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(204, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 114,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8718, 23.3893, 31.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 114, 0) }
```

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

```
.background{ background-color: rgb(204,  
114, 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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