

Converting Colors

HunterLab(49.2110, 23.2306,
26.6734)

Have a look what the booklet for
HunterLab(49.2110, 23.2306,
26.6734) contains.

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Color

**HunterLab(49.2031, 23.0955,
26.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	C77135
RGB	199, 113, 53
RGB Percent	78%, 44%, 21%
CMY	0.2196, 0.5568, 0.7921
CMYK	0.00, 0.43, 0.73, 0.22
HSL	25°, 58%, 49%
HSV	25°, 73%, 78%
XYZ	30.1010, 24.2095, 6.4546
YIQ	131.8740, 70.5160, -0.4280

Conversions

Conversions Part 2

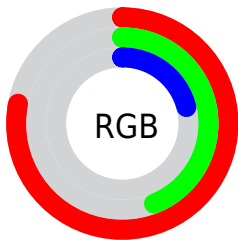
Format	Color
R _Y B	199, 155, 53
Decimal	13070645
CIE Lab	56.30, 29.19, 46.67
CIE LCh	56, 55.043, 57.978
Yxy	24.2107, 0.4954, 0.3984
Android (android.graphics.Color)	4291260725 (0xFFC77135)
YUV	131.8740, -38.8849, 58.8695
Hunter-Lab	49.2031, 23.0955, 26.6644

Details

The HunterLab color **49.2031, 23.0955, 26.6644** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **48.3159, -6.9366, -36.6544**, and the grayscale version is **48.1158, -2.5673, 2.6142**.

A 20% lighter version of the original color is **70.3646, 22.2819, 32.9360**, and **30.4011, 21.0646, 19.1018** is the 20% darker color. If you saturate the color by 10%, you get **46.4922, 28.1003, 27.2957**, and if you desaturate by 10%, it is **52.1728, 18.3561, 25.3262**.

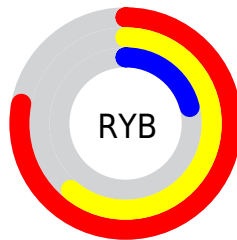
Distribution



Red (78%)

Green (44%)

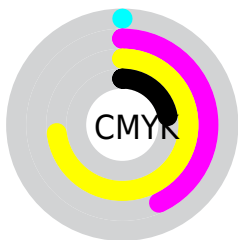
Blue (21%)



Red (78%)

Yellow (61%)

Blue (21%)

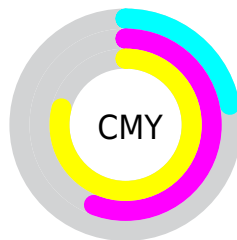


Cyan (0%)

Magenta (43%)

Yellow (73%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2031, 23.0955, 26.6644 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 49.2031, 23.0955, 26.6644 by changing the saturation by 10% instead.

49.2031, 23.0955,
26.6644

49.2031, 23.0955,
26.6644

165.4944, 27.7897,
54.0426

39.3574, 22.1228,
22.9548

70.9745, 24.7024,
33.5078

30.2721, 21.0262,
18.9960

82.8161, 25.3644,
36.7073

22.0189, 19.7897,
15.4132

95.2515, 25.9427,
39.7924

14.6920, 18.4086,
10.2844

108.2537, 26.4441,
42.7817

8.3501, 17.3626,
5.8451

121.7990, 26.8748,
45.6903

0.0000, INF, NaN

0.0000, NaN, NaN

135.8664, 27.2398,

48.5303

0.0000, NaN, NaN

150.4371, 27.5435,
51.3116

0.0000, NaN, NaN

■ 49.2031, 23.0955,
26.6644

■ 49.2031, 23.0955,
26.6644

■ 46.4922, 28.1003,
27.2957

■ 52.1728, 18.3561,
25.3262

■ 44.0574, 33.2895,
27.2091

■ 55.3749, 13.9416,
23.3269

■ 42.5966, 36.7316,
26.8909

■ 58.7883, 9.8694,
20.7304

■ 62.3925, 6.1399,
17.6035

■ 66.1688, 2.7406,
14.0099

■ 70.1004, -0.3481,
10.0073

■ 74.1726, -3.1497,
5.6465

■ 78.3726, -5.6886,
0.9711

■ 82.6891, -7.9888,
-3.9818

Harmonies

Analogous

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



49.2044, 42.8470, 18.6120



49.2031, 23.0955, 26.6644



49.2044, -1.0575, 28.9033

Triad

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



49.2044, 23.0924, 26.6650



49.2044, -39.4908, 4.1400



49.2044, 19.8908, -50.8580

Complementary

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



49.2031, 23.0955, 26.6644



48.3159, -6.9366, -36.6544

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.



49.2044, -4.1791, -60.6620



49.2031, 23.0955, 26.6644



49.2044, -35.9161, -21.4340

Square

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



49.2044, 23.0924, 26.6650



49.2044, -34.7960, 20.1741



49.2044, -23.9550, -48.0216



49.2044, 40.7725, -25.2658

Rectangle

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



49.2031, 23.0955, 26.6644



49.2044, -15.5503, 28.2457



49.2044, -23.9550, -48.0216



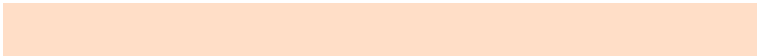
49.2044, 11.7828, -56.5105

Sweetspot

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



49.2044, 23.0924, 26.6650



88.0900, 3.1815, 18.0099



40.7427, 58.4014, -10.3166



40.1057, 2.0195, 8.9712

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2044, 23.0924, 26.6650



59.5650, 41.2331, 36.1625



68.4445, -11.7580, 39.0515



33.6763, -0.7032, 3.9028



34.3959, 28.8435, 21.6996



8.3795, 4.1532, 5.2361

Inverse Universe

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



48.3159, -6.9366, -36.6544



57.9818, -4.0013, -61.0842



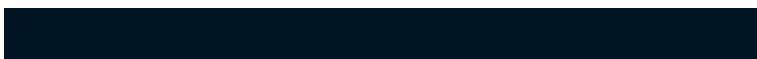
29.9444, 29.9801, -88.0084



33.6278, -2.7573, -0.3390



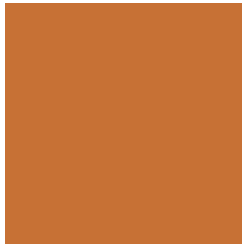
33.2268, -0.0032, -41.5237



8.1418, -1.4766, -6.9891

Previews

White Background



This preview shows how the HunterLab color 49.2031, 23.0955, 26.6644 looks on a white background.

Color Contrast Check

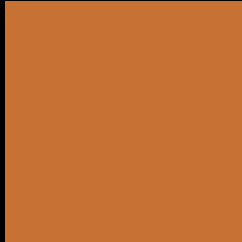
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2031, 23.0955, 26.6644 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 49.2031, 23.0955, 26.6644 Background



This preview shows how black text looks on a background with the HunterLab color 49.2031, 23.0955, 26.6644.



This preview shows how white text looks on a background with the HunterLab color 49.2031, 23.0955,

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

49.2031, 23.0955, 26.6644

Protanopia

49.5115, -5.9520, 25.2853

Deuteranopia

49.3531, 3.2086, 26.9765



Tritanopia

49.0709, 32.5239, 11.5718

Trichromacy



Original Color

49.2031, 23.0955, 26.6644

Protanomaly

49.0495, 3.7094, 25.6100

Deuteranomaly

49.0912, 10.3778, 26.7870

Tritanomaly

49.1197, 28.4664, 18.5441

Monochromacy



Original Color

49.2031, 23.0955, 26.6644

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.6597, 4.5807, 13.4845

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2031, 23.0955, 26.6644 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(199, 113, 53)` looks like.

```
.text, #text, p{  
    color:rgb(199, 113, 53)  
}
```

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(199, 113, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 113, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2031, 23.0955, 26.6644 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(199, 113, 53) }
```


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

```
.border{ border-color:rgb(199, 113, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 113, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 113, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 113, 53);  
box-shadow:4px 4px 4px 4px rgb(199, 113,  
53) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2031, 23.0955, 26.6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 113, 53) }
```

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

```
.background{ background-color: rgb(199,  
113, 53) }
```

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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