

Converting Colors

HunterLab(48.9531, 20.2954,
25.0613)

Have a look what the booklet for
HunterLab(48.9531, 20.2954,
25.0613) contains.

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Color

**HunterLab(48.9354, 20.1182,
24.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	C1733E
RGB	193, 115, 62
RGB Percent	76%, 45%, 24%
CMY	0.2431, 0.5490, 0.7569
CMYK	0.00, 0.40, 0.68, 0.24
HSL	24°, 51%, 50%
HSV	24°, 68%, 76%
XYZ	28.9926, 23.9467, 7.6515
YIQ	132.2800, 63.5010, 0.0530

Conversions

Conversions Part 2

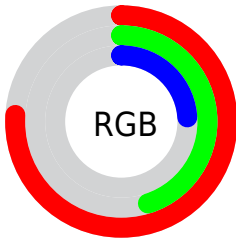
Format	Color
RYB	193, 151, 62
Decimal	12677950
CIELab	56.04, 26.08, 41.67
CIELCh	56, 49.155, 57.954
Yxy	23.9480, 0.4785, 0.3952
Android (android.graphics.Color)	4290868030 (0xFFC1733E)
YUV	132.2800, -34.6480, 53.2514
Hunter-Lab	48.9354, 20.1182, 24.9842

Details

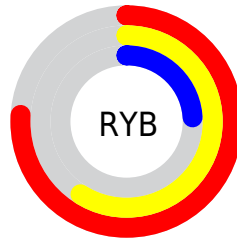
The HunterLab color **48.9354, 20.1182, 24.9842** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **48.6099, -7.9912, -31.7233**, and the grayscale version is **48.2618, -2.5751, 2.6222**.

A 20% lighter version of the original color is **70.7515, 21.0891, 31.1200**, and **30.1270, 18.4509, 18.1378** is the 20% darker color. If you saturate the color by 10%, you get **46.1659, 24.8593, 25.9839**, and if you desaturate by 10%, it is **51.9471, 15.6598, 23.3309**.

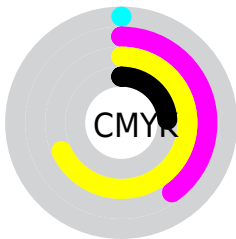
Distribution



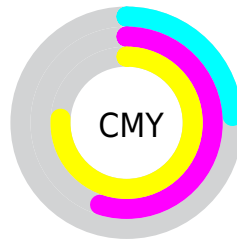
- Red (76%)
- Green (45%)
- Blue (24%)



- Red (76%)
- Yellow (59%)
- Blue (24%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9354, 20.1182, 24.9842 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 48.9354, 20.1182, 24.9842 by changing the saturation by 10% instead.

48.9354, 20.1182,
24.9842

48.9354, 20.1182,
24.9842

165.0931, 23.7478,
49.9133

39.1089, 19.2824,
21.6327

70.6720, 21.4633,
31.1746

30.0445, 18.3255,
18.0512

82.4975, 22.0003,
34.0763

21.8142, 17.2285,
14.6573

94.9178, 22.4574,
36.8800

14.5132, 15.9787,
10.1593

107.9054, 22.8413,
39.6026

8.1743, 15.1565,
5.7220

121.4367, 23.1577,
42.2574

0.0000, INF, NaN

0.0000, NaN, NaN

135.4906, 23.4116,

44.8553

0.0000, NaN, NaN

150.0484, 23.6070,
47.4048

0.0000, NaN, NaN

■ 48.9354, 20.1182,
24.9842

■ 48.9354, 20.1182,
24.9842

■ 46.1659, 24.8593,
25.9839

■ 51.9471, 15.6598,
23.3309

■ 43.6570, 29.8250,
26.2936

■ 55.1747, 11.5260,
21.0797

■ 41.4272, 34.8878,
25.9694

■ 58.5983, 7.7230,
18.2959

■ 40.9867, 35.9438,
25.8851

■ 62.1983, 4.2441,
15.0430

■ 65.9573, 1.0730,
11.3798

■ 69.8600, -1.8115,
7.3578

■ 73.8929, -4.4327,
3.0218

■ 78.0442, -6.8144,
-1.5900

■ 82.3035, -8.9791,
-6.4455

Harmonies

Analogous

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



48.9367, 37.3148, 17.1867



48.9354, 20.1182, 24.9842



48.9367, -1.1980, 27.2780

Triad

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



48.9367, 20.1153, 24.9848



48.9367, -36.1144, 3.9841



48.9367, 17.2759, -43.4031

Complementary

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



48.9354, 20.1182, 24.9842



48.6099, -7.9912, -31.7233

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.



48.9367, -4.0136, -51.6039



48.9354, 20.1182, 24.9842



48.9367, -32.8008, -18.3834

Square

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



48.9367, 20.1153, 24.9848



48.9367, -31.7524, 18.6796



48.9367, -21.8278, -40.9894



48.9367, 35.4948, -21.7112

Rectangle

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



48.9354, 20.1182, 24.9842



48.9367, -14.1851, 26.5984



48.9367, -21.8278, -40.9894



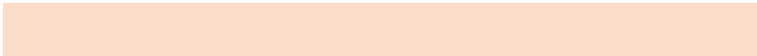
48.9367, 10.1439, -48.1409

Sweetspot

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



48.9367, 20.1153, 24.9848



87.0249, 2.4344, 16.4717



40.8583, 52.9765, -10.2370



39.6448, 1.6782, 8.2805



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.



48.9367, 20.1153, 24.9848



60.2631, 36.1600, 35.0706



66.5486, -11.4159, 36.7466



32.7597, -0.6609, 3.7742



33.6475, 28.7442, 21.2367



7.9015, 3.8219, 4.9358

Inverse Universe

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



48.6099, -7.9912, -31.7233



59.5953, -7.1383, -53.2999



31.4966, 24.9895, -75.1263



32.7454, -2.7077, -0.3025



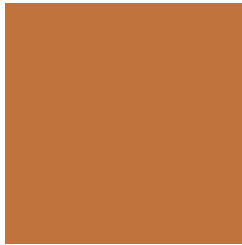
32.9584, -0.5228, -40.0666



7.7571, -1.5594, -6.3293

Previews

White Background



This preview shows how the HunterLab color 48.9354, 20.1182, 24.9842 looks on a white background.

Color Contrast Check

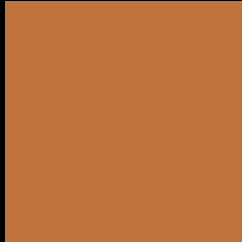
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9354, 20.1182, 24.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

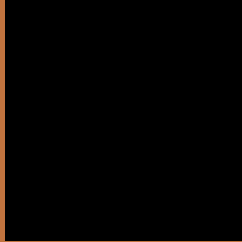
Any Text WCAG AA ✓ Pass

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 48.9354, 20.1182, 24.9842 Background



This preview shows how black text looks on a background with the HunterLab color 48.9354, 20.1182, 24.9842.



This preview shows how white text looks on a background with the HunterLab color 48.9354, 20.1182,

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

48.9354, 20.1182, 24.9842

Protanopia

49.1272, -5.6676, 23.5726

Deuteranopia

48.9588, 3.4466, 25.2177



Tritanopia

48.9463, 29.0174, 10.2823

Trichromacy



Original Color

48.9354, 20.1182, 24.9842

Protanomaly

48.8170, 3.1294, 23.8756

Deuteranomaly

48.7055, 9.3306, 24.9715

Tritanomaly

48.8201, 25.5247, 16.7950

Monochromacy



Original Color

48.9354, 20.1182, 24.9842

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.8051, 3.8682, 12.2733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9354, 20.1182, 24.9842 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(193, 115, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 115, 62)  
}
```

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(193, 115, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 115, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9354, 20.1182, 24.9842 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(193, 115, 62) }
```


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

```
.border{ border-color:rgb(193, 115, 62) }
```

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

Here you see how a box with a 4 pixel rgb(193, 115, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 115, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 115, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 115,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9354, 20.1182, 24.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 115, 62) }
```

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

```
.background{ background-color: rgb(193,  
115, 62) }
```

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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