

Converting Colors

HunterLab(48.8650, 20.0343,
25.4392)

Have a look what the booklet for
HunterLab(48.8650, 20.0343,
25.4392) contains.

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Color

**HunterLab(48.9026, 19.9540,
25.4664)**

Conversions

Conversions Part 1

Format	Color
Hex	C1733B
RGB	193, 115, 59
RGB Percent	76%, 45%, 23%
CMY	0.2431, 0.5490, 0.7686
CMYK	0.00, 0.40, 0.69, 0.24
HSL	25°, 53%, 49%
HSV	25°, 69%, 76%
XYZ	28.9124, 23.9146, 7.2297
YIQ	131.9380, 64.4640, -0.8800

Conversions

Conversions Part 2

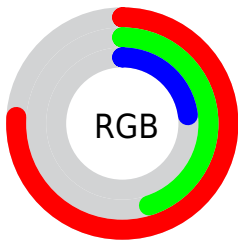
Format	Color
RYB	193, 155, 59
Decimal	12677947
CIELab	56.00, 25.91, 43.15
CIELCh	56, 50.336, 59.019
Yxy	23.9159, 0.4814, 0.3982
Android (android.graphics.Color)	4290868027 (0xFFC1733B)
YUV	131.9380, -35.9584, 53.5514
Hunter-Lab	48.9026, 19.9540, 25.4664

Details

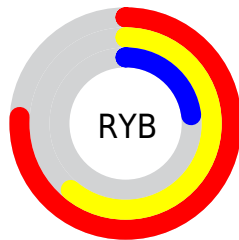
The HunterLab color **48.9026, 19.9540, 25.4664** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47.6130, -6.9402, -33.6075**, and the grayscale version is **48.1314, -2.5682, 2.6151**.

A 20% lighter version of the original color is **70.7050, 20.8508, 31.8010**, and **29.9741, 17.9888, 18.2736** is the 20% darker color. If you saturate the color by 10%, you get **46.1988, 24.6222, 26.3563**, and if you desaturate by 10%, it is **51.8408, 15.5698, 23.9083**.

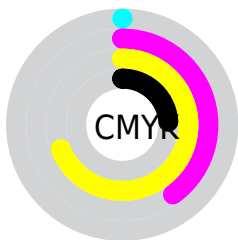
Distribution



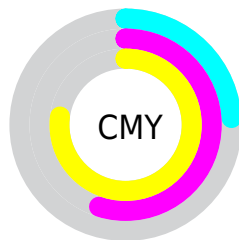
- Red (76%)
- Green (45%)
- Blue (23%)



- Red (76%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (40%)
- Yellow (69%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9026, 19.9540, 25.4664 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 48.9026, 19.9540, 25.4664 by changing the saturation by 10% instead.

48.9026, 19.9540,
25.4664

48.9026, 19.9540,
25.4664

165.0439, 23.5252,
51.1317

39.0784, 19.1257,
22.0055

70.6349, 21.2848,
31.8547

30.0166, 18.1765,
18.3075

82.4585, 21.8149,
34.8461

21.7892, 17.0872,
14.9331

94.8769, 22.2653,
37.7344

14.4913, 15.8448,
10.1439

107.8627, 22.6428,
40.5370

8.1524, 15.0469,
5.7067

121.3923, 22.9529,
43.2678

0.0000, INF, NaN

0.0000, NaN, NaN

135.4445, 23.2007,

45.9380

0.0000, NaN, NaN

150.0007, 23.3903,
48.5568

0.0000, NaN, NaN

■ 48.9026, 19.9540,
25.4664

■ 48.9026, 19.9540,
25.4664

■ 46.1988, 24.6222,
26.3563

■ 51.8408, 15.5698,
23.9083

■ 43.7461, 29.5172,
26.5503

■ 54.9888, 11.5112,
21.7325

■ 41.5573, 34.4992,
26.1662

■ 58.3279, 7.7850,
19.0014

■ 41.4396, 34.7785,
26.1437

■ 61.8396, 4.3851,
15.7780

■ 65.5073, 1.2961,
12.1209

■ 69.3163, -1.5027,
8.0827

■ 73.2534, -4.0341,
3.7098

■ 77.3073, -6.3216,
-0.9584

■ 81.4680, -8.3876,
-5.8880

Harmonies

Analogous

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



48.9039, 37.9323, 17.8671



48.9026, 19.9540, 25.4664



48.9039, -1.9192, 27.5960

Triad

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



48.9039, 19.9511, 25.4670



48.9039, -36.7838, 3.3146



48.9039, 18.5526, -44.2326

Complementary

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



48.9026, 19.9540, 25.4664



47.6130, -6.9402, -33.6075

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.



48.9039, -3.3009, -53.4042



48.9026, 19.9540, 25.4664



48.9039, -33.1433, -19.8716

Square

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



48.9039, 19.9511, 25.4670



48.9039, -32.6329, 18.5908



48.9039, -21.7055, -43.0330



48.9039, 37.0338, -21.5181

Rectangle

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



48.9026, 19.9540, 25.4664



48.9039, -15.0848, 26.8290



48.9039, -21.7055, -43.0330



48.9039, 11.2515, -49.3390

Sweetspot

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



48.9039, 19.9511, 25.4670



86.7204, 2.4891, 17.1923



40.3440, 53.6522, -9.0744



39.5301, 1.6765, 8.6058



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.



48.9039, 19.9511, 25.4670



60.1849, 36.1128, 35.5150



67.1123, -12.4532, 37.4807



32.7935, -0.7181, 3.8110



34.0179, 27.7997, 21.4483



7.9750, 3.6612, 4.9782

Inverse Universe

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



47.6130, -6.9402, -33.6075



58.0237, -5.1018, -56.6677



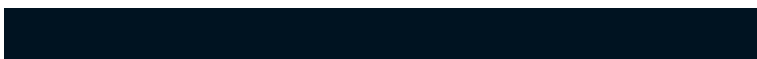
30.3008, 27.2665, -79.5708



32.7108, -2.6512, -0.3445



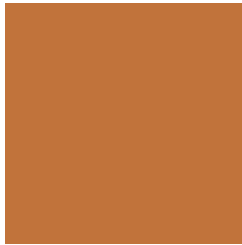
32.3710, 0.4843, -41.5063



7.6579, -1.4085, -6.5313

Previews

White Background



This preview shows how the HunterLab color 48.9026, 19.9540, 25.4664 looks on a white background.

Color Contrast Check

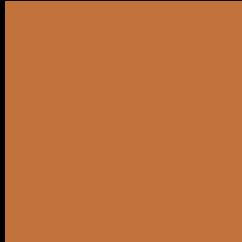
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9026, 19.9540, 25.4664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

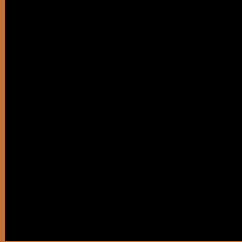
Any Text WCAG AA ✓ Pass

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 48.9026, 19.9540, 25.4664 Background



This preview shows how black text looks on a background with the HunterLab color 48.9026, 19.9540, 25.4664.



This preview shows how white text looks on a background with the HunterLab color 48.9026, 19.9540,

25.4664.

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

48.9026, 19.9540, 25.4664

Protanopia

49.0909, -5.8690, 24.1068

Deuteranopia

48.9279, 3.2811, 25.6728



Tritanopia

48.9224, 28.9019, 10.6272

Trichromacy



Original Color

48.9026, 19.9540, 25.4664

Protanomaly

48.7817, 2.9400, 24.3949

Deuteranomaly

48.6738, 9.1648, 25.4379

Tritanomaly

48.7824, 25.3396, 17.3446

Monochromacy



Original Color

48.9026, 19.9540, 25.4664

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.7615, 3.6353, 12.9036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9026, 19.9540, 25.4664 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(193, 115, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 115, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9026, 19.9540, 25.4664 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, 59) }
```


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

```
.border{ border-color:rgb(193, 115, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 115, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 115, 59);  
box-shadow:4px 4px 4px 4px rgb(193, 115,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9026, 19.9540, 25.4664 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, 59) }
```

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

```
.background{ background-color: rgb(193,  
115, 59) }
```

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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