

Converting Colors

HunterLab(48.1333, 21.1640,
22.5517)

Have a look what the booklet for
HunterLab(48.1333, 21.1640,
22.5517) contains.

HunterLab(48.0963, 21.4169, 22.4539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.0963, 21.4169,
22.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7048
RGB	191, 112, 72
RGB Percent	75%, 44%, 28%
CMY	0.2510, 0.5608, 0.7176
CMYK	0.00, 0.41, 0.62, 0.25
HSL	20°, 48%, 52%
HSV	20°, 62%, 75%
XYZ	28.4497, 23.1325, 9.0964
YIQ	131.0610, 59.9240, 4.3080

Conversions

Conversions Part 2

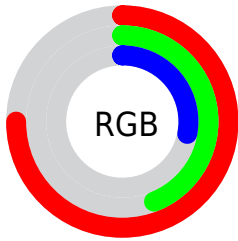
Format	Color
R_{YB}	191, 132, 72
Decimal	12546120
CIE _{Lab}	55.21, 27.53, 35.34
CIE _{LCh}	55, 44.798, 52.086
Yxy	23.1337, 0.4689, 0.3812
Android (android.graphics.Color)	4290736200 (0xFFBF7048)
YUV	131.0610, -29.1171, 52.5665
Hunter-Lab	48.0963, 21.4169, 22.4539

Details

The HunterLab color **48.0963, 21.4169, 22.4539** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **52.2216, -12.2846, -23.9977**, and the grayscale version is **47.7605, -2.5484, 2.5949**.

A 20% lighter version of the original color is **69.6170, 23.2224, 27.6232**, and **29.3533, 19.3964, 16.4529** is the 20% darker color. If you saturate the color by 10%, you get **45.0756, 26.5289, 23.8251**, and if you desaturate by 10%, it is **51.4012, 16.5625, 20.5202**.

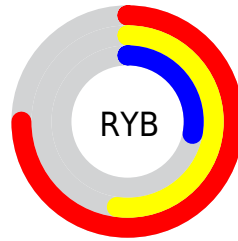
Distribution



Red (75%)

Green (44%)

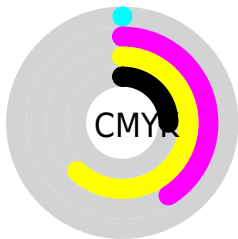
Blue (28%)



Red (75%)

Yellow (52%)

Blue (28%)

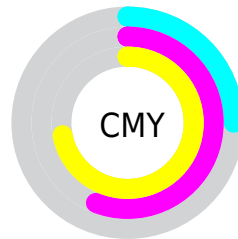


Cyan (0%)

Magenta (41%)

Yellow (62%)

Black (25%)



Cyan (25%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0963, 21.4169, 22.4539 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 48.0963, 21.4169, 22.4539 by changing the saturation by 10% instead.

■ 48.0963, 21.4169,
22.4539

■ 48.0963, 21.4169,
22.4539

163.8326, 25.6094,
44.3511

■ 38.3305, 20.5056,
19.5509

■ 69.7229, 22.9041,
27.8334

■ 29.3321, 19.4701,
16.4483

■ 81.4980, 23.5078,
30.3666

■ 21.1745, 18.2930,
13.2321

■ 93.8702, 24.0291,
32.8225

■ 13.9556, 16.9666,
9.7690

■ 106.8119, 24.4748,
35.2155

■ 7.5945, 16.7880,
5.3161

■ 120.2991, 24.8510,
37.5567

0.0000, INF, NaN

0.0000, NaN, NaN

134.3106, 25.1627,

39.8551

0.0000, NaN, NaN

148.8274, 25.4142,
42.1179

0.0000, NaN, NaN

■ 48.0963, 21.4169,
22.4539

■ 48.0963, 21.4169,
22.4539

■ 45.0756, 26.5289,
23.8251

■ 51.4012, 16.5625,
20.5202

■ 42.3675, 31.8226,
24.5669

■ 54.9557, 12.0161,
18.0965

■ 40.0041, 37.1555,
24.6474

■ 58.7329, 7.7869,
15.2553

■ 38.4275, 41.1266,
24.3988

■ 62.7078, 3.8682,
12.0604

■ 66.8588, 0.2423,
8.5661

■ 71.1671, -3.1140,
4.8171

■ 75.6167, -6.2255,
0.8501

■ 80.1939, -9.1171,
-3.3050

■ 84.8870, -11.8121,
-7.6242

Harmonies

Analogous

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



48.0975, 35.2183, 13.7247



48.0963, 21.4169, 22.4539



48.0975, 2.4500, 25.5821

Triad

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



48.0975, 21.4140, 22.4545



48.0975, -33.0889, 7.0667



48.0975, 11.6161, -40.7251

Complementary

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



48.0963, 21.4169, 22.4539



52.2216, -12.2846, -23.9977

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.



48.0975, -7.3902, -44.6792



48.0963, 21.4169, 22.4539



48.0975, -31.4011, -11.9951

Square

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



48.0975, 21.4140, 22.4545



48.0975, -27.6361, 19.1706



48.0975, -22.6139, -32.6565



48.0975, 28.9898, -23.2998

Rectangle

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



48.0963, 21.4169, 22.4539



48.0975, -9.8238, 25.4056



48.0975, -22.6139, -32.6565



48.0975, 5.1431, -43.8855

Sweetspot

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



48.0975, 21.4140, 22.4545



85.5655, 3.6801, 14.7756



42.3750, 49.7563, -14.1818



39.3529, 2.4009, 7.5413



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.



48.0975, 21.4140, 22.4545



58.8642, 38.2353, 32.3743



63.8223, -7.5078, 33.4999



31.6962, -0.3617, 3.4815



31.3673, 32.7439, 19.9016



7.1305, 4.1625, 4.4667

Inverse Universe

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



52.2216, -12.2846, -23.9977



65.1519, -14.9330, -40.4515



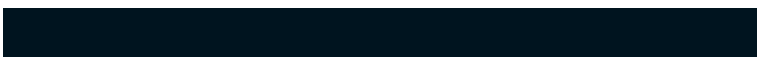
35.7281, 16.8600, -59.4850



32.0226, -2.9115, -0.0785



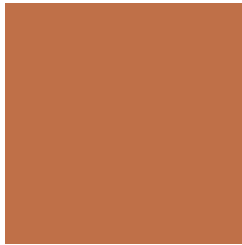
35.4474, -5.4993, -32.4347



7.7991, -2.2553, -4.8797

Previews

White Background



This preview shows how the HunterLab color 48.0963, 21.4169, 22.4539 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 48.0963, 21.4169, 22.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

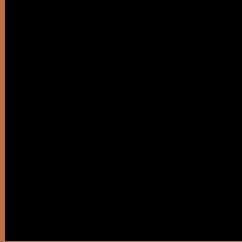
Any Text WCAG AA ✓ Pass

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 48.0963, 21.4169, 22.4539 Background



This preview shows how black text looks on a background with the HunterLab color 48.0963, 21.4169, 22.4539.



This preview shows how white text looks on a background with the HunterLab color 48.0963, 21.4169, 22.4539.

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

48.0963, 21.4169, 22.4539

Protanopia

48.3315, -5.2644, 20.6151

Deuteranopia

48.1019, 3.5441, 22.7624



Tritanopia

48.1898, 29.0148, 10.2465

Trichromacy



Original Color

48.0963, 21.4169, 22.4539

Protanomaly

47.8230, 4.1671, 21.0643

Deuteranomaly

47.9595, 9.7747, 22.5603

Tritanomaly

48.1410, 25.9251, 15.5800

Monochromacy



Original Color

48.0963, 21.4169, 22.4539

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.2371, 4.8486, 10.6762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0963, 21.4169, 22.4539 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, 112, 72)` looks like.

```
.text, #text, p{  
    color:rgb(191, 112, 72)  
}
```

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, 112, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 112, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0963, 21.4169, 22.4539 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, 112, 72) }
```


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

```
.border{ border-color:rgb(191, 112, 72) }
```

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

Here you see how a box with a 4 pixel rgb(191, 112, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 112, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 112, 72);  
box-shadow:4px 4px 4px 4px rgb(191, 112,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0963, 21.4169, 22.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 112, 72) }
```

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

```
.background{ background-color: rgb(191,  
112, 72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor