

Converting Colors

HunterLab(48.9003, -12.0258,
-20.1026)

Have a look what the booklet for
HunterLab(48.9003, -12.0258,
-20.1026) contains.

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Color

**HunterLab(48.7675,
-12.0095, -20.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	468EB0
RGB	70, 142, 176
RGB Percent	27%, 56%, 69%
CMY	0.7255, 0.4431, 0.3098
CMYK	0.60, 0.19, 0.00, 0.31
HSL	199°, 43%, 48%
HSV	199°, 60%, 69%
XYZ	20.0353, 23.7827, 44.6089
YIQ	124.3480, -53.8260, -4.6900

Conversions

Conversions Part 2

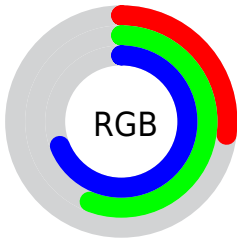
Format	Color
RYB	70, 113, 176
Decimal	4624048
CIELab	55.87, -12.21, -24.63
CIELCh	56, 27.490, 243.625
Yxy	23.7836, 0.2266, 0.2690
Android (android.graphics.Color)	4282814128 (0xFF468EB0)
YUV	124.3480, 25.4644, -47.6632
Hunter-Lab	48.7675, -12.0095, -20.0968

Details

The HunterLab color **48.7675, -12.0095, -20.0968** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **44.2425, 19.2487, 19.8327**, and the grayscale version is **44.9509, -2.3985, 2.4423**.

A 20% lighter version of the original color is **70.5819, -14.6262, -20.8940**, and **30.1403, -8.9067, -18.4456** is the 20% darker color. If you saturate the color by 10%, you get **46.4591, -11.6533, -23.9948**, and if you desaturate by 10%, it is **51.2440, -11.7949, -16.1542**.

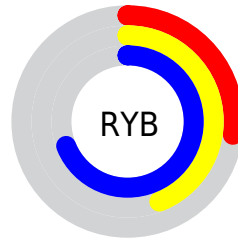
Distribution



Red (27%)

Green (56%)

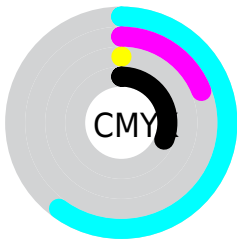
Blue (69%)



Red (27%)

Yellow (44%)

Blue (69%)

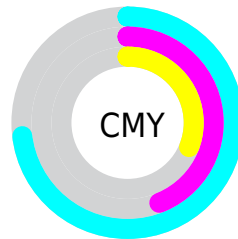


Cyan (60%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (73%)

Magenta (44%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7675, -12.0095, -20.0968 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 48.7675, -12.0095, -20.0968 by changing the saturation by 10% instead.

■ 48.7675, -12.0095,
-20.0968

■ 48.7675, -12.0095,
-20.0968

164.8406,
-23.2342, -21.7590

■ 38.9527, -10.7502,
-19.6278

■ 70.4817, -14.4903,
-20.8586

■ 29.9015, -9.4644,
-19.1152

■ 82.2972, -15.7246,
-21.1501

■ 21.6857, -8.1332,
-18.5920

■ 94.7079, -16.9603,
-21.3833

■ 14.4011, -6.7233,
-18.1568

■ 107.6863,
-18.2001, -21.5605

■ 8.0616, -7.0317,
-18.6034

■ 121.2088,
-19.4461, -21.6843

0.0000, NaN, -NF

0.0000, NaN, -NF

135.2542,

-20.6996, -21.7571

0.0000, NaN, NaN

149.8038,
-21.9621, -21.7813

0.0000, NaN, NaN

■ 48.7675, -12.0095,
-20.0968

■ 48.7675, -12.0095,
-20.0968

■ 46.4591, -11.6533,
-23.9948

■ 51.2440, -11.7949,
-16.1542

■ 44.3212, -10.7043,
-27.8239

■ 53.8784, -11.0453,
-12.1941

■ 42.3552, -9.1641,
-31.5589

■ 56.6624, -9.8037,
-8.2360

■ 40.5696, -7.2047,
-35.1556

■ 59.5867, -8.1153,
-4.2953

■ 62.6416, -6.0248,
-0.3831

■ 65.8182, -3.5745,
3.4935

■ 69.1077, -0.8033,
7.3302

■ 72.5022, 2.2540,
11.1253

■ 75.9943, 5.5662,
14.8786

Harmonies

Analogous

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



48.7684, -19.6242, -10.4321



48.7675, -12.0095, -20.0968



48.7684, -1.2044, -23.2285

Triad

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



48.7684, -12.0095, -20.0959



48.7684, 21.3822, 3.9608



48.7684, -14.2125, 17.0776

Complementary

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



48.7675, -12.0095, -20.0968



44.2425, 19.2487, 19.8327

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.



48.7684, -3.9895, 19.2779



48.7675, -12.0095, -20.0968



48.7684, 17.1252, 12.8905

Square

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



48.7684, -12.0095, -20.0959



48.7684, 18.7395, -7.6015



48.7684, 7.5715, 17.9430



48.7684, -20.8113, 11.0759

Rectangle

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



48.7675, -12.0095, -20.0968



48.7684, 6.5399, -20.7091



48.7684, 7.5715, 17.9430



48.7684, -11.1216, 18.2144

Sweetspot

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



48.7684, -12.0095, -20.0959



81.0187, -10.4315, -4.7754



57.7444, -37.5942, 21.5934



37.1807, -5.1986, -2.9249



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.7684, -12.0095, -20.0959



61.6686, -15.3907, -33.8915



34.1392, 13.3089, -50.0658



30.2700, -2.7998, -0.0169



34.9074, -6.4118, -29.7900



6.9518, -2.2450, -3.8428

Inverse Universe

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



39.4516, 43.9727, -13.3813



48.5705, 70.1148, -19.2990



58.0006, -6.1138, 29.7085



29.3248, 1.8318, 0.1355



27.8751, 51.3169, -9.7386



5.0455, 9.4627, -3.1128

Previews

White Background



This preview shows how the HunterLab color 48.7675, -12.0095, -20.0968 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 48.7675, -12.0095, -20.0968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

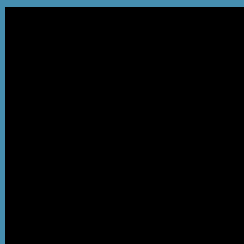
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

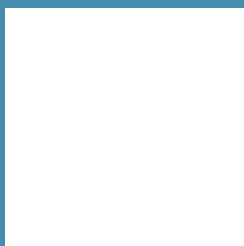
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.7675, -12.0095, -20.0968 Background



This preview shows how black text looks on a background with the HunterLab color 48.7675, -12.0095, -20.0968.



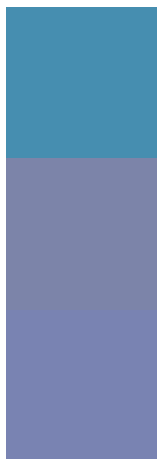
This preview shows how white text looks on a background with the HunterLab color 48.7675, -12.0095, -20.0968.

-12.0095, -20.0968.

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

48.7675, -12.0095, -20.0968

Protanopia

48.6335, 1.9690, -15.7587

Deuteranopia

48.4891, 3.6314, -21.5593



Tritanopia

48.6921, -18.5001, -9.1610

Trichromacy



Original Color

48.7675, -12.0095, -20.0968

Protanomaly

48.5077, -4.0813, -17.8866

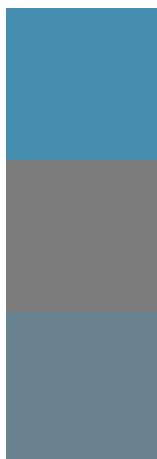
Deuteranomaly

48.2981, -2.9211, -21.3514

Tritanomaly

48.7347, -16.2290, -12.9830

Monochromacy



Original Color

48.7675, -12.0095, -20.0968

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.9987, -7.6090, -5.2844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7675, -12.0095, -20.0968 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(70, 142, 176)` looks like.

```
.text, #text, p{  
    color:rgb(70, 142, 176)  
}
```

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(70, 142, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 142, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7675, -12.0095, -20.0968 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(70, 142, 176) }
```


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

```
.border{ border-color:rgb(70, 142, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 142, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 142, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 142, 176);  
box-shadow:4px 4px 4px 4px rgb(70, 142,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7675, -12.0095, -20.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 142, 176) }
```

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

```
.background{ background-color: rgb(70, 142,  
176) }
```

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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