

Converting Colors

HunterLab(20.5364, 11.2985,
-48.1208)

Have a look what the booklet for
HunterLab(20.5364, 11.2985,
-48.1208) contains.

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Color

**HunterLab(20.5647, 11.2339,
-48.0199)**

Conversions

Conversions Part 1	
Format	Color
Hex	0B3582
RGB	11, 53, 130
RGB Percent	4%, 21%, 51%
CMY	0.9568, 0.7922, 0.4902
CMYK	0.92, 0.59, 0.00, 0.49
HSL	219°, 84%, 28%
HSV	219°, 92%, 51%
XYZ	5.4404, 4.2291, 21.6487
YIQ	49.2200, -49.7490, 15.0430

Conversions

Conversions Part 2

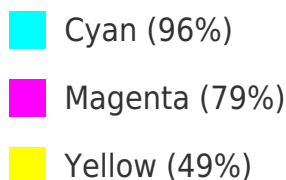
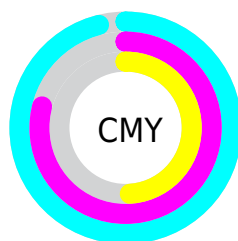
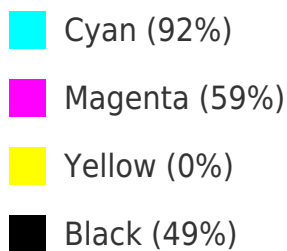
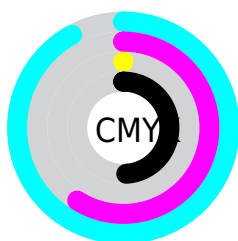
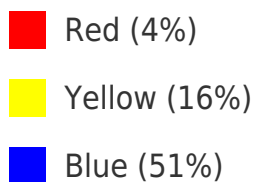
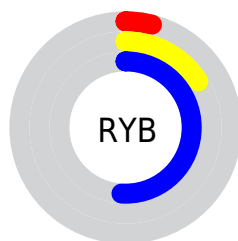
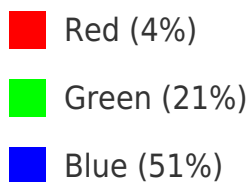
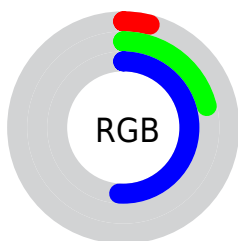
Format	Color
RYB	11, 42, 130
Decimal	734594
CIELab	24.42, 18.49, -47.05
CIELCh	24, 50.554, 291.458
Yxy	4.2292, 0.1737, 0.1350
Android (android.graphics.Color)	4278924674 (0xFF0B3582)
YUV	49.2200, 39.8245, -33.5189
Hunter-Lab	20.5647, 11.2339, -48.0199

Details

The HunterLab color **20.5647, 11.2339, -48.0199** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.2815, 6.4346, 20.6883**, and the grayscale version is **17.4835, -0.9329, 0.9499**.

A 20% lighter version of the original color is **37.5948, 12.5838, -48.1304**, and **9.0473, 15.0963, -43.8970** is the 20% darker color. If you saturate the color by 10%, you get **18.8564, 14.3445, -54.5346**, and if you desaturate by 10%, it is **22.7768, 7.9240, -40.8015**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5647, 11.2339, -48.0199 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 20.5647, 11.2339, -48.0199 by changing the saturation by 10% instead.

 20.5647, 11.2339, -48.0199	 20.5647, 11.2339, -48.0199
 119.2078, 14.2578, -52.6342	 13.4260, 10.3463, -49.7914
 37.5864, 12.5660, -47.9228	 6.9912, 11.2093, -59.3284
 47.2946, 13.0531, -48.4575	0.0000, NaN, -NF
 57.7190, 13.4425, -49.1222	0.0000, NaN, -NF
 68.8136, 13.7460, -49.8404	0.0000, NaN, -NF
 80.5399, 13.9725, -50.5700	0.0000, NaN, NaN
 92.8657, 14.1295,	0.0000, NaN, NaN

-51.2872

0.0000, NaN, NaN

105.7631, 14.2230,
-51.9780

■ 20.5647, 11.2339,
-48.0199

■ 20.5647, 11.2339,
-48.0199

■ 18.8564, 14.3445,
-54.5346

■ 22.7768, 7.9240,
-40.8015

■ 25.2267, 5.1865,
-34.0008

■ 27.8801, 2.9853,
-27.6805

■ 30.7069, 1.2558,
-21.8344

■ 33.6822, -0.0710,
-16.4221

■ 36.7860, -1.0590,
-11.3901

■ 40.0020, -1.7633,
-6.6842

■ 43.3171, -2.2298,
-2.2541

■ 46.7205, -2.4960,
1.9442

Harmonies

Analogous

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



20.5649, -5.4188, -52.8604



20.5647, 11.2339, -48.0199



20.5649, 28.4608, -26.2511

Triad

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



20.5649, 11.2349, -48.0194



20.5649, 21.4574, 13.8807



20.5649, -23.3413, 4.9657

Complementary

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



20.5647, 11.2339, -48.0199



34.2815, 6.4346, 20.6883

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.



20.5649, -19.8721, 12.2599



20.5647, 11.2339, -48.0199



20.5649, 3.6110, 14.3955

Square

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



20.5649, 11.2349, -48.0194



20.5649, 35.4951, 9.1326



20.5649, -11.0724, 14.3955



20.5649, -22.4207, -12.5046

Rectangle

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



20.5647, 11.2339, -48.0199



20.5649, 36.3511, -10.3527



20.5649, -11.0724, 14.3955



20.5649, -22.7004, 8.3514

Sweetspot

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



20.5649, 11.2349, -48.0194



50.4710, -1.8125, -12.6231



40.8834, -28.6900, 11.8075



23.4529, -0.7277, -6.8432



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



20.5649, 11.2349, -48.0194



24.5072, 20.3318, -74.5223



14.4319, 31.6138, -77.3167



21.0731, -1.1038, -0.5765



18.4967, 13.9659, -53.2677

0.0000, NaN, NaN

Inverse Universe

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



22.8967, 37.6434, 6.0462



29.4577, 51.5328, 10.6201



44.2449, -16.9119, 26.5425



20.8983, 0.8869, 0.9117



21.7713, 38.1538, 7.3254

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.5647, 11.2339, -48.0199 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 20.5647, 11.2339, -48.0199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

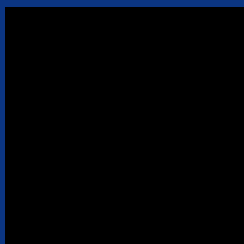
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 20.5647, 11.2339, -48.0199 Background



This preview shows how black text looks on a background with the HunterLab color 20.5647, 11.2339, -48.0199.



This preview shows how white text looks on a background with the HunterLab color 20.5647, 11.2339, -48.0199.

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

20.5647, 11.2339, -48.0199

Protanopia

20.3967, 5.8220, -38.0621

Deuteranopia

20.4720, -0.8259, -23.8054



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color
20.5647, 11.2339, -48.0199

Protanomaly
20.4652, 7.7215, -41.5429

Deuteranomaly
20.3025, 3.4881, -32.1950

Tritanomaly
20.2944, -3.7885, -16.4766

Monochromacy



Original Color
20.5647, 11.2339, -48.0199

Achromatopsia
17.5253, -0.9351, 0.9522

Achromatomaly
17.8566, 0.8279, -12.9144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5647, 11.2339, -48.0199 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(11, 53, 130)` looks like.

```
.text, #text, p{  
    color:rgb(11, 53, 130)  
}
```

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(11, 53, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 53, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5647, 11.2339, -48.0199 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(11, 53, 130) }
```


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

```
.border{ border-color:rgb(11, 53, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 53, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 53, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 53, 130);  
box-shadow:4px 4px 4px 4px rgb(11, 53,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5647, 11.2339, -48.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(11, 53, 130) }
```

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

```
.background{ background-color:rgb(11, 53,  
130) }
```

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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