

Converting Colors

HunterLab(42.8229, -45.2922,
-63.0244)

Have a look what the booklet for
HunterLab(42.8229, -45.2922,
-63.0244) contains.

HunterLab(51.6904, -10.4392, -42.0733)	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>	30

Color

**HunterLab(51.6904,
-10.4392, -42.0733)**

Conversions

Conversions Part 1

Format	Color
Hex	0096D7
RGB	0, 150, 215
RGB Percent	0%, 59%, 84%
CMY	0.9998, 0.4118, 0.1569
CMYK	1.00, 0.30, 0.00, 0.16
HSL	198°, 100%, 42%
HSV	198°, 100%, 84%
XYZ	23.1721, 26.7190, 68.2259
YIQ	112.5600, -110.2650, -11.5850

Conversions

Conversions Part 2

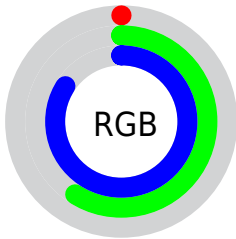
Format	Color
RYB	0, 88, 215
Decimal	38615
CIELab	58.71, -9.69, -42.33
CIELCh	59, 43.421, 257.110
Yxy	26.7198, 0.1962, 0.2262
Android (android.graphics.Color)	4278228695 (0xFF0096D7)
YUV	112.5600, 50.5029, -98.7151
Hunter-Lab	51.6904, -10.4392, -42.0733

Details

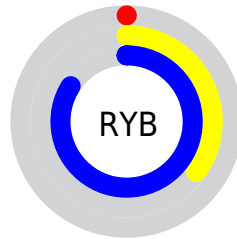
The HunterLab color **51.6904, -10.4392, -42.0733** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **42.7009, 50.3378, 27.1913**, and the grayscale version is **40.3167, -2.1512, 2.1905**.

A 20% lighter version of the original color is **72.9592, -17.2836, -32.2280**, and **33.8552, -2.2672, -37.4219** is the 20% darker color. If you saturate the color by 10%, you get **51.6861, -10.4324, -42.0826**, and if you desaturate by 10%, it is **53.8683, -12.8868, -37.7933**.

Distribution



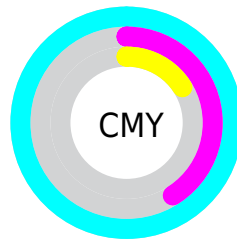
- Red (0%)
- Green (59%)
- Blue (84%)



- Red (0%)
- Yellow (35%)
- Blue (84%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6904, -10.4392, -42.0733 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 51.6904, -10.4392, -42.0733 by changing the saturation by 10% instead.

■ 51.6904, -10.4392,
-42.0733

■ 51.6904, -10.4392,
-42.0733

169.2035,
-20.6273, -47.2712

■ 41.6688, -9.3375,
-41.4272

■ 73.7794, -12.6406,
-43.4487

■ 32.3938, -8.2277,
-40.9048

■ 85.7671, -13.7495,
-44.1164

■ 23.9321, -7.0975,
-40.6723

■ 98.3418, -14.8670,
-44.7508

■ 16.3709, -5.9267,
-41.1246

■ 111.4773,
-15.9948, -45.3449

■ 9.8340, -4.8582,
-43.3980

■ 125.1505,
-17.1339, -45.8951

0.0000, NaN, -NF

0.0000, NaN, -NF

139.3411,

-18.2853, -46.3999

0.0000, NaN, -NF

154.0309,
-19.4496, -46.8585

0.0000, NaN, NaN

■ 51.6904, -10.4392,
-42.0733

■ 51.6904, -10.4392,
-42.0733

■ 51.6861, -10.4324,
-42.0826

■ 53.8683, -12.8868,
-37.7933

■ 56.2290, -14.7133,
-33.3999

■ 58.8043, -15.7934,
-28.8630

■ 61.5961, -16.1174,
-24.2104

■ 64.5997, -15.7080,
-19.4752

■ 67.8065, -14.6073,
-14.6893

■ 71.2059, -12.8683,
-9.8803

■ 74.7865, -10.5481,
-5.0704

■ 78.5364, -7.7038,
-0.2763

Harmonies

Analogous

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



51.6912, -24.7558, -28.5177



51.6904, -10.4392, -42.0733



51.6912, 8.0950, -40.9425

Triad

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



51.6912, -10.4385, -42.0722



51.6912, 35.6984, 11.7895



51.6912, -26.2677, 20.9141

Complementary

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



51.6904, -10.4392, -42.0733



42.7009, 50.3378, 27.1913

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.



51.6912, -12.7888, 25.7905



51.6904, -10.4392, -42.0733



51.6912, 23.6648, 21.9339

Square

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



51.6912, -10.4385, -42.0722



51.6912, 36.5619, -5.2942



51.6912, 5.3928, 26.0832



51.6912, -32.9942, 9.7895

Rectangle

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



51.6904, -10.4392, -42.0733



51.6912, 20.4298, -31.9785



51.6912, 5.3928, 26.0832



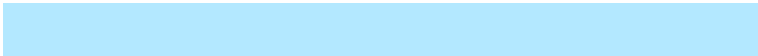
51.6912, -22.4695, 23.1385

Sweetspot

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



51.6912, -10.4385, -42.0722



86.2453, -15.6879, -12.1695



69.9842, -58.0907, 37.9296



39.0774, -7.7107, -6.7798

0.0000, NaN, NaN



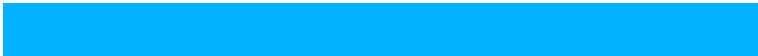
46.2646, -2.4686, 2.5136

Same Dimension

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



51.6912, -10.4385, -42.0722



62.4635, -12.2978, -51.5267



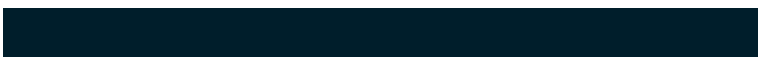
25.7632, 45.8984, -131.2759



36.6666, -3.5065, -0.0046



40.2151, -8.4336, -32.0596



10.5726, -3.0894, -6.5457

Inverse Universe

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



40.8049, 75.2689, -15.4649



49.4671, 91.2027, -18.3358



66.2997, -0.8485, 40.8374



35.4482, 2.3479, 0.0405



31.5871, 58.3246, -12.3845



7.8496, 14.6526, -4.3067

Previews

White Background



This preview shows how the HunterLab color 51.6904, -10.4392, -42.0733 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 51.6904, -10.4392, -42.0733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

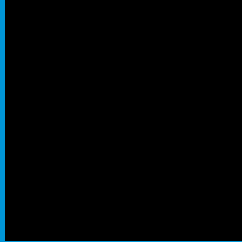
Any Text WCAG AA ✓ Pass

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 51.6904, -10.4392, -42.0733 Background



This preview shows how black text looks on a background with the HunterLab color 51.6904, -10.4392, -42.0733.



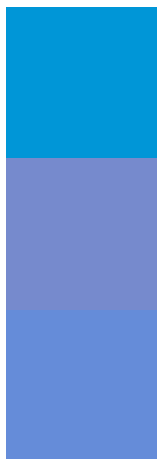
This preview shows how white text looks on a background with the HunterLab color 51.6904,

-10.4392, -42.0733.

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

51.6904, -10.4392, -42.0733

Protanopia

51.4162, 5.7672, -34.8191

Deuteranopia

51.5098, 4.3557, -43.7446

Trichromacy



Original Color

51.6904, -10.4392, -42.0733

Protanomaly

50.4433, -3.0542, -39.8712

Deuteranomaly

50.9847, -3.5095, -44.1935

Monochromacy



Original Color

51.6904, -10.4392, -42.0733

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

43.0133, -10.3759, -13.4500

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6904, -10.4392, -42.0733 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(0, 150, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 215)  
}
```

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(0, 150, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6904, -10.4392, -42.0733 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(0, 150, 215) }
```

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

```
.border{ border-color:rgb(0, 150, 215) }
```

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

Here you see how a box with a 4 pixel rgb(0, 150, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
215) }
```


Background

The CSS property to change the background color of an element to HunterLab 51.6904, -10.4392, -42.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 215) }
```

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

```
.background{ background-color: rgb(0, 150,  
215) }
```

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