

Converting Colors

HunterLab(53.6064, -12.6909,
-39.6074)

Have a look what the booklet for
HunterLab(53.6064, -12.6909,
-39.6074) contains.

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Color

**HunterLab(53.6532,
-12.6735, -39.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	009CD9
RGB	0, 156, 217
RGB Percent	0%, 61%, 85%
CMY	0.9998, 0.3882, 0.1490
CMYK	1.00, 0.28, 0.00, 0.15
HSL	197°, 100%, 43%
HSV	197°, 100%, 85%
XYZ	24.4128, 28.7867, 69.9153
YIQ	116.3100, -112.5570, -14.1010

Conversions

Conversions Part 2

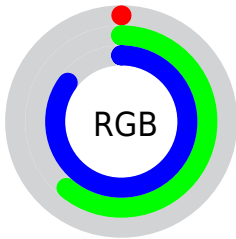
Format	Color
R _{YB}	0, 91, 217
Decimal	40153
CIE _{Lab}	60.59, -12.31, -40.49
CIE _{LCh}	61, 42.317, 253.089
Yxy	28.7876, 0.1983, 0.2338
Android (android.graphics.Color)	4278230233 (0xFF009CD9)
YUV	116.3100, 49.6402, -102.0039
Hunter-Lab	53.6532, -12.6735, -39.7033

Details

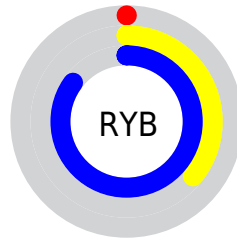
The HunterLab color **53.6532, -12.6735, -39.7033** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **42.5384, 52.6501, 27.1315**, and the grayscale version is **41.7628, -2.2284, 2.2691**.

A 20% lighter version of the original color is **74.9645, -20.0128, -28.9836**, and **35.6536, -4.4526, -34.9519** is the 20% darker color. If you saturate the color by 10%, you get **53.6490, -12.6670, -39.7121**, and if you desaturate by 10%, it is **55.7266, -14.9176, -35.7665**.

Distribution



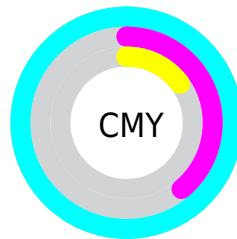
- Red (0%)
- Green (61%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6532, -12.6735, -39.7033 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 53.6532, -12.6735, -39.7033 by changing the saturation by 10% instead.

■ 53.6532, -12.6735,
-39.7033

■ 53.6532, -12.6735,
-39.7033

172.1080,
-23.9530, -44.5490

■ 43.4974, -11.4161,
-39.0435

■ 75.9865, -15.1582,
-41.0419

■ 34.0773, -10.1382,
-38.4634

■ 88.0867, -16.3976,
-41.6747

■ 25.4568, -8.8244,
-38.0880

■ 100.7687,
-17.6395, -42.2682

■ 17.7183, -7.4493,
-38.2086

■ 114.0069,
-18.8863, -42.8177

■ 10.9770, -5.9696,
-39.6286

■ 127.7789,
-20.1399, -43.3209

■ 2.5638, -4.4866,
-102.0402

142.0647,

0.0000, NaN, -NF

-21.4015, -43.7771

0.0000, NaN, -NF

156.8464,
-22.6723, -44.1863

0.0000, NaN, NaN

■ 53.6532, -12.6735,
-39.7033

■ 53.6532, -12.6735,
-39.7033

■ 53.6490, -12.6670,
-39.7121

■ 55.7266, -14.9176,
-35.7665

■ 57.9777, -16.5474,
-31.6962

■ 60.4395, -17.4342,
-27.4603

■ 63.1160, -17.5631,
-23.0825

■ 66.0041, -16.9521,
-18.5938

■ 69.0968, -15.6396,
-14.0259

■ 72.3845, -13.6757,
-9.4071

■ 75.8565, -11.1162,
-4.7617

■ 79.5018, -8.0177,
-0.1087

Harmonies

Analogous

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



53.6541, -26.1102, -25.1686



53.6532, -12.6735, -39.7033



53.6541, 5.2934, -40.6877

Triad

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



53.6541, -12.6729, -39.7022



53.6541, 35.6617, 9.9271



53.6541, -24.7448, 21.9909

Complementary

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



53.6532, -12.6735, -39.7033



42.5384, 52.6501, 27.1315

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.



53.6541, -10.5647, 26.2835



53.6532, -12.6735, -39.7033



53.6541, 25.1644, 21.0511

Square

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



53.6541, -12.6729, -39.7022



53.6541, 34.8986, -7.6963



53.6541, 7.7007, 26.0093



53.6541, -32.4162, 11.7317

Rectangle

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



53.6532, -12.6735, -39.7033



53.6541, 17.6122, -33.1370



53.6541, 7.7007, 26.0093



53.6541, -20.6692, 23.9986

Sweetspot

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



53.6541, -12.6729, -39.7022



86.7756, -16.4987, -11.4594



70.6619, -59.0527, 39.1594



39.3579, -8.1351, -6.3954

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.6541, -12.6729, -39.7022



64.1961, -14.8971, -48.0809



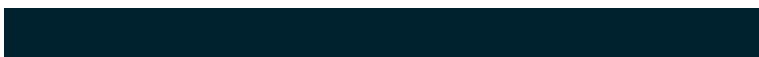
27.1100, 42.7285, -126.1164



37.6543, -3.7027, 0.0665



41.9644, -10.1852, -30.4650



11.3308, -3.5259, -6.5510

Inverse Universe

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



41.4166, 76.7154, -18.1631



49.6905, 92.0020, -21.4211



64.9328, 2.7083, 40.0573



36.3444, 2.4555, -0.0592



32.2514, 59.7943, -14.5299



8.2964, 15.5309, -4.8956

Previews

White Background



This preview shows how the HunterLab color 53.6532, -12.6735, -39.7033 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 53.6532, -12.6735, -39.7033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

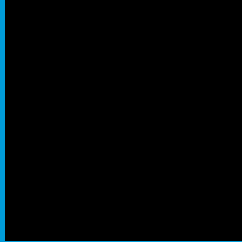
Any Text WCAG AA ✓ Pass

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 53.6532, -12.6735, -39.7033 Background



This preview shows how black text looks on a background with the HunterLab color 53.6532, -12.6735, -39.7033.



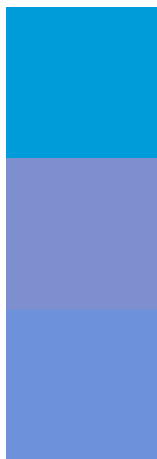
This preview shows how white text looks on a background with the HunterLab color 53.6532, -12.6735, -39.7033.

-12.6735, -39.7033.

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

53.6532, -12.6735, -39.7033

Protanopia

53.3490, 5.0771, -31.9329

Deuteranopia

53.6033, 4.3436, -41.7873



Tritanopia

53.7556, -25.8001, -11.4949

Trichromacy



Original Color

53.6532, -12.6735, -39.7033

Protanomaly

52.4771, -4.9914, -36.6399

Deuteranomaly

52.8313, -4.4084, -42.7336

Tritanomaly

53.7209, -21.3598, -21.0368

Monochromacy



Original Color

53.6532, -12.6735, -39.7033

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

44.7083, -11.6036, -12.6203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6532, -12.6735, -39.7033 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, 156, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 217)  
}
```

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, 156, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6532, -12.6735, -39.7033 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, 156, 217) }
```


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

```
.border{ border-color:rgb(0, 156, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.6532, -12.6735, -39.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 217) }
```

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

```
.background{ background-color: rgb(0, 156,  
217) }
```

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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