

Converting Colors

HunterLab(53.1867, -16.3449,
-31.1949)

Have a look what the booklet for
HunterLab(53.1867, -16.3449,
-31.1949) contains.

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Color

**HunterLab(53.0439,
-16.1436, -31.4508)**

Conversions

Conversions Part 1

Format	Color
Hex	009CCC
RGB	0, 156, 204
RGB Percent	0%, 61%, 80%
CMY	0.9998, 0.3882, 0.2000
CMYK	1.00, 0.24, 0.00, 0.20
HSL	194°, 100%, 40%
HSV	194°, 100%, 80%
XYZ	22.7875, 28.1366, 61.3566
YIQ	114.8280, -108.3840, -18.1440

Conversions

Conversions Part 2

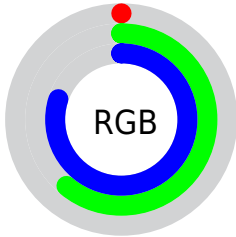
Format	Color
R_{YB}	0, 88, 204
Decimal	40140
CIE _{Lab}	60.01, -17.02, -34.14
CIE _{LCh}	60, 38.147, 243.500
Yxy	28.1375, 0.2030, 0.2506
Android (android.graphics.Color)	4278230220 (0xFF009CCC)
YUV	114.8280, 43.9618, -100.7042
Hunter-Lab	53.0439, -16.1436, -31.4508

Details

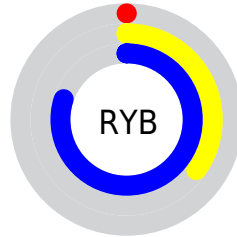
The HunterLab color **53.0439, -16.1436, -31.4508** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **38.6720, 52.1539, 24.7405**, and the grayscale version is **41.2111, -2.1989, 2.2391**.

A 20% lighter version of the original color is **75.1784, -20.9177, -28.6548**, and **35.0787, -7.6699, -27.2882** is the 20% darker color. If you saturate the color by 10%, you get **53.0410, -16.1393, -31.4566**, and if you desaturate by 10%, it is **54.7120, -17.7474, -28.5049**.

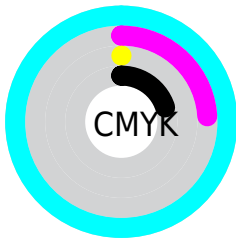
Distribution



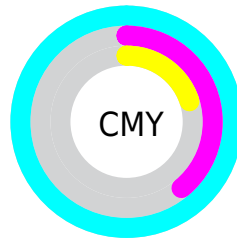
- Red (0%)
- Green (61%)
- Blue (80%)



- Red (0%)
- Yellow (35%)
- Blue (80%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.0439, -16.1436, -31.4508 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 53.0439, -16.1436, -31.4508 by changing the saturation by 10% instead.

■ 53.0439, -16.1436,
-31.4508

■ 53.0439, -16.1436,
-31.4508

171.2085,
-29.3835, -35.1335

■ 42.9294, -14.5975,
-30.8301

■ 75.3020, -19.1461,
-32.6062

■ 33.5539, -13.0035,
-30.2233

■ 87.3676, -20.6212,
-33.1182

■ 24.9822, -11.3372,
-29.7059

■ 100.0165,
-22.0867, -33.5801

■ 17.2981, -9.5582,
-29.4621

■ 113.2230,
-23.5465, -33.9907

■ 10.6192, -7.8585,
-30.0168

■ 126.9646,
-25.0039, -34.3502

■ 0.3760, -0.6579,
-505.0563

141.2210,

0.0000, NaN, -NF

-26.4613, -34.6597

0.0000, NaN, NaN

155.9744,
-27.9206, -34.9203

0.0000, NaN, NaN

■ 53.0439, -16.1436,
-31.4508

■ 53.0439, -16.1436,
-31.4508

■ 53.0410, -16.1393,
-31.4566

■ 54.7120, -17.7474,
-28.5049

■ 56.5301, -18.8134,
-25.4121

■ 58.5330, -19.2113,
-22.1347

■ 60.7272, -18.9191,
-18.6867

■ 63.1130, -17.9447,
-15.0911

■ 65.6868, -16.3155,
-11.3738

■ 68.4423, -14.0718,
-7.5606

■ 71.3713, -11.2608,
-3.6756

■ 74.4651, -7.9325,
0.2608

Harmonies

Analogous

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



53.0448, -26.5833, -16.4104



53.0439, -16.1436, -31.4508



53.0448, -0.9006, -36.4707

Triad

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



53.0448, -16.1431, -31.4498



53.0448, 32.3301, 4.6806



53.0448, -19.0919, 22.2601

Complementary

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



53.0439, -16.1436, -31.4508



38.6720, 52.1539, 24.7405

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.



53.0448, -4.7385, 24.9026



53.0439, -16.1436, -31.4508



53.0448, 26.0069, 16.8822

Square

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



53.0448, -16.1431, -31.4498



53.0448, 28.3315, -12.2631



53.0448, 11.9341, 23.2825



53.0448, -28.1354, 14.5720

Rectangle

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



53.0439, -16.1436, -31.4508



53.0448, 10.2921, -32.5065



53.0448, 11.9341, 23.2825



53.0448, -14.7946, 23.6412

Sweetspot

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



53.0448, -16.1431, -31.4498



87.9264, -18.2434, -9.9349



65.8763, -55.3475, 37.1423



39.9670, -9.0477, -5.5712

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.0448, -16.1431, -31.4498



68.0034, -20.4098, -40.9394



26.5310, 35.9161, -110.6877



35.0172, -3.6233, 0.2302



42.2566, -13.0526, -24.6403



10.1612, -3.7397, -4.6276

Inverse Universe

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



39.0370, 72.9941, -22.4394



50.1992, 93.8153, -28.3961



58.7597, 5.7628, 36.3070



33.6999, 2.3099, -0.2273



30.9929, 57.9985, -18.1294



7.1188, 13.4546, -5.1935

Previews

White Background



This preview shows how the HunterLab color 53.0439, -16.1436, -31.4508 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 53.0439, -16.1436, -31.4508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

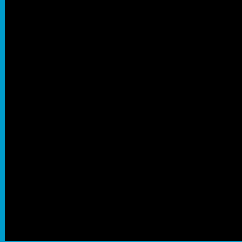
Any Text WCAG AA ✓ Pass

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 53.0439, -16.1436, -31.4508 Background



This preview shows how black text looks on a background with the HunterLab color 53.0439, -16.1436, -31.4508.



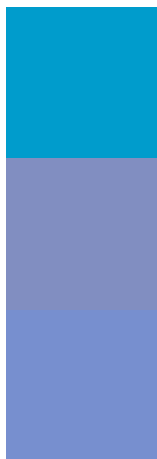
This preview shows how white text looks on a background with the HunterLab color 53.0439, -16.1436, -31.4508.

-16.1436, -31.4508.

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

53.0439, -16.1436, -31.4508

Protanopia

52.7858, 3.4995, -24.0811

Deuteranopia

52.9829, 3.9460, -33.3418



Tritanopia

53.0285, -25.4195, -11.4074

Trichromacy



Original Color

53.0439, -16.1436, -31.4508



Protanomaly

51.6648, -7.5238, -28.9157



Deuteranomaly

52.1273, -6.6047, -34.4112



Tritanomaly

53.1573, -22.3406, -18.2149

Monochromacy



Original Color

53.0439, -16.1436, -31.4508



Achromatopsia

41.4054, -2.2093, 2.2496



Achromatomaly

44.1456, -12.5729, -10.0912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.0439, -16.1436, -31.4508 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 53.0439, -16.1436, -31.4508 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, 204) }
```


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

```
.border{ border-color:rgb(0, 156, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.0439, -16.1436, -31.4508 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, 204) }
```

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

```
.background{ background-color: rgb(0, 156,  
204) }
```

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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