

Converting Colors

HunterLab(51.5987, -32.8674,
-42.9502)

Have a look what the booklet for
HunterLab(51.5987, -32.8674,
-42.9502) contains.

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Color

**HunterLab(55.7680,
-16.4133, -34.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	00A3D7
RGB	0, 163, 215
RGB Percent	0%, 64%, 84%
CMY	0.9998, 0.3608, 0.1569
CMYK	1.00, 0.24, 0.00, 0.16
HSL	195°, 100%, 42%
HSV	195°, 100%, 84%
XYZ	25.3629, 31.1007, 68.9563
YIQ	120.1910, -113.8400, -18.3840

Conversions

Conversions Part 2

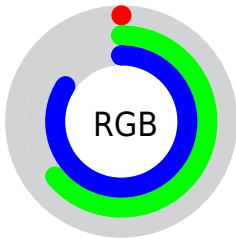
Format	Color
RYB	0, 93, 215
Decimal	41943
CIELab	62.59, -16.86, -36.25
CIELCh	63, 39.975, 245.057
Yxy	31.1018, 0.2022, 0.2480
Android (android.graphics.Color)	4278232023 (0xFF00A3D7)
YUV	120.1910, 46.7408, -105.4075
Hunter-Lab	55.7680, -16.4133, -34.2736

Details

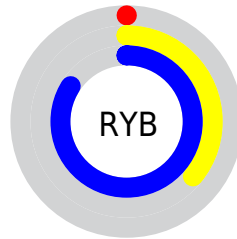
The HunterLab color **55.7680, -16.4133, -34.2736** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **41.1191, 55.0396, 26.2988**, and the grayscale version is **43.2749, -2.3090, 2.3512**.

A 20% lighter version of the original color is **77.6185, -23.8023, -24.8560**, and **37.2920, -7.6808, -30.0312** is the 20% darker color. If you saturate the color by 10%, you get **55.7647, -16.4083, -34.2802**, and if you desaturate by 10%, it is **57.5779, -18.2135, -31.0420**.

Distribution



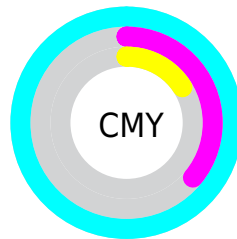
- Red (0%)
- Green (64%)
- Blue (84%)



- Red (0%)
- Yellow (36%)
- Blue (84%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (36%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7680, -16.4133, -34.2736 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 55.7680, -16.4133, -34.2736 by changing the saturation by 10% instead.

■ 55.7680, -16.4133,
-34.2736

■ 55.7680, -16.4133,
-34.2736

175.2161,
-29.5707, -38.2729

■ 45.4712, -14.8867,
-33.6328

■ 78.3583, -19.3868,
-35.4840

■ 35.8993, -13.3178,
-33.0123

■ 90.5771, -20.8508,
-36.0287

■ 27.1131, -11.6851,
-32.4871

■ 103.3723,
-22.3068, -36.5257

■ 19.1904, -9.9541,
-32.2316

■ 116.7189,
-23.7584, -36.9731

■ 12.2381, -8.0614,
-32.7126

■ 130.5951,
-25.2085, -37.3708

■ 5.3583, -9.3770,
-44.2413

144.9815,

0.0000, NaN, -NF

-26.6595, -37.7192

0.0000, NaN, -NF

159.8604,
-28.1130, -38.0196

0.0000, NaN, NaN

■ 55.7680, -16.4133,
-34.2736

■ 55.7680, -16.4133,
-34.2736

■ 55.7647, -16.4083,
-34.2802

■ 57.5779, -18.2135,
-31.0420

■ 59.5512, -19.4311,
-27.6537

■ 61.7229, -19.9336,
-24.0722

■ 64.0998, -19.6978,
-20.3134

■ 66.6820, -18.7329,
-16.4025

■ 69.4652, -17.0692,
-12.3682

■ 72.4421, -14.7507,
-8.2382

■ 75.6040, -11.8285,
-4.0381

■ 78.9411, -8.3566,
0.2103

Harmonies

Analogous

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



55.7689, -27.8339, -18.5426



55.7680, -16.4133, -34.2736



55.7689, 0.0047, -38.9436

Triad

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



55.7689, -16.4128, -34.2725



55.7689, 34.4615, 5.7719



55.7689, -20.9434, 23.3265

Complementary

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



55.7680, -16.4133, -34.2736



41.1191, 55.0396, 26.2988

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.



55.7689, -5.9006, 26.3614



55.7680, -16.4133, -34.2736



55.7689, 27.1735, 18.4114

Square

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



55.7689, -16.4128, -34.2725



55.7689, 30.7577, -12.1424



55.7689, 11.8613, 24.8877



55.7689, -30.2160, 14.8704

Rectangle

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



55.7680, -16.4133, -34.2736



55.7689, 11.9280, -34.2294



55.7689, 11.8613, 24.8877



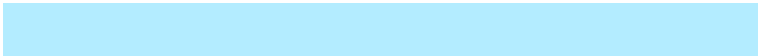
55.7689, -16.4674, 24.8733

Sweetspot

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



55.7689, -16.4128, -34.2725



87.7609, -17.9938, -10.1527



69.8812, -58.7363, 39.4521



39.8794, -8.9172, -5.6889

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.7689, -16.4128, -34.2725



67.4523, -19.6276, -41.9392



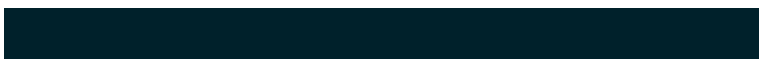
28.0531, 38.3851, -117.9197



36.8444, -3.7937, 0.2087



43.3269, -12.9730, -26.1498



11.2122, -3.9787, -5.4253

Inverse Universe

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



41.3434, 77.1909, -22.8659



50.1241, 93.5480, -27.3704



62.2835, 6.2067, 38.4861



35.4668, 2.4476, -0.2238



31.9999, 59.7969, -18.0521



7.9387, 14.9687, -5.5172

Previews

White Background



This preview shows how the HunterLab color 55.7680, -16.4133, -34.2736 looks on a white 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

Black Background



This preview shows how the HunterLab color 55.7680, -16.4133, -34.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

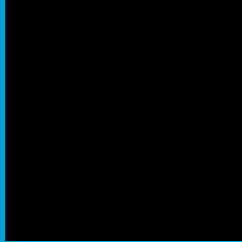
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 55.7680, -16.4133, -34.2736 Background



This preview shows how black text looks on a background with the HunterLab color 55.7680, -16.4133, -34.2736.



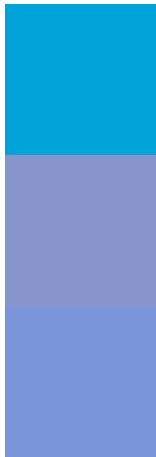
This preview shows how white text looks on a background with the HunterLab color 55.7680,

-16.4133, -34.2736.

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

55.7680, -16.4133, -34.2736

Protanopia

55.6825, 3.9774, -26.4469

Deuteranopia

55.4687, 4.5252, -36.6404



Tritanopia

55.6172, -26.5397, -12.2251

Trichromacy



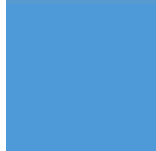
Original Color

55.7680, -16.4133, -34.2736



Protanomaly

54.4460, -7.4878, -31.5653



Deuteranomaly

54.5350, -6.3356, -37.8761



Tritanomaly

55.7877, -23.1992, -19.6494

Monochromacy



Original Color

55.7680, -16.4133, -34.2736



Achromatopsia

43.3383, -2.3124, 2.3547



Achromatomaly

46.3804, -13.0412, -11.2908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7680, -16.4133, -34.2736 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, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 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, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7680, -16.4133, -34.2736 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, 163, 215) }
```


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

```
.border{ border-color:rgb(0, 163, 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, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 215);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
215) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7680, -16.4133, -34.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 215) }
```

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

```
.background{ background-color: rgb(0, 163,  
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](#).

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