

Converting Colors

HunterLab(55.1695, -22.6809,
-36.4292)

Have a look what the booklet for
HunterLab(55.1695, -22.6809,
-36.4292) contains.

| | |
|---|----|
| HunterLab(56.4519, -17.0541, -33.7451) | 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(56.4519,
-17.0541, -33.7451)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00A5D8 |
| RGB | 0, 165, 216 |
| RGB Percent | 0%, 65%, 85% |
| CMY | 0.9998, 0.3529, 0.1529 |
| CMYK | 1.00, 0.24, 0.00, 0.15 |
| HSL | 194°, 100%, 42% |
| HSV | 194°, 100%, 85% |
| XYZ | 25.8498, 31.8682, 69.7545 |
| YIQ | 121.4790, -114.7110, -19.1190 |

Conversions

Conversions Part 2

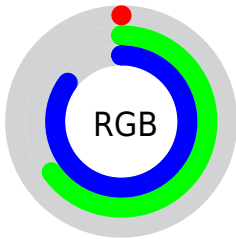
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 94, 216 |
| Decimal | 42456 |
| CIELab | 63.23, -17.58, -35.80 |
| CIELCh | 63, 39.882, 243.853 |
| Yxy | 31.8693, 0.2028, 0.2500 |
| Android (android.graphics.Color) | 4278232536 (0xFF00A5D8) |
| YUV | 121.4790, 46.5989, -106.5371 |
| Hunter-Lab | 56.4519, -17.0541, -33.7451 |

Details

The HunterLab color **56.4519, -17.0541, -33.7451** 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 **41.1962, 55.7518, 26.3588**, and the grayscale version is **43.7759, -2.3358, 2.3784**.

A 20% lighter version of the original color is **78.2879, -24.7419, -23.8421**, and **37.9255, -8.2991, -29.4883** is the 20% darker color. If you saturate the color by 10%, you get **56.4487, -17.0492, -33.7516**, and if you desaturate by 10%, it is **58.2346, -18.8068, -30.5892**.

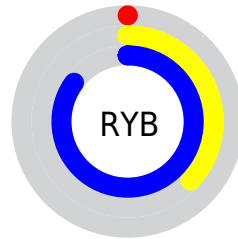
Distribution



Red (0%)

Green (65%)

Blue (85%)



Red (0%)

Yellow (37%)

Blue (85%)

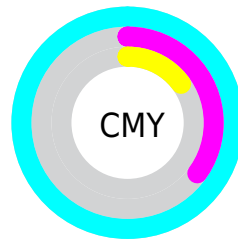


Cyan (100%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (100%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4519, -17.0541, -33.7451 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 56.4519, -17.0541, -33.7451 by changing the saturation by 10% instead.

■ 56.4519, -17.0541,
-33.7451

■ 56.4519, -17.0541,
-33.7451

176.2167,
-30.5050, -37.6301

■ 46.1104, -15.4865,
-33.1091

■ 79.1240, -20.1030,
-34.9357

■ 36.4903, -13.8738,
-32.4864

■ 91.3806, -21.6020,
-35.4681

■ 27.6516, -12.1939,
-31.9454

■ 104.2118,
-23.0914, -35.9519

■ 19.6706, -10.4116,
-31.6445

■ 117.5930,
-24.5751, -36.3858

■ 12.6520, -8.4628,
-32.0037

■ 131.5025,
-26.0561, -36.7696

■ 5.9841, -10.4722,
-40.0419

145.9209,

0.0000, NaN, -NF

-27.5369, -37.1042

0.0000, NaN, -NF

160.8309,
-29.0193, -37.3906

0.0000, NaN, NaN

■ 56.4519, -17.0541,
-33.7451

■ 56.4519, -17.0541,
-33.7451

■ 56.4487, -17.0492,
-33.7516

■ 58.2346, -18.8068,
-30.5892

■ 60.1801, -19.9765,
-27.2725

■ 62.3239, -20.4296,
-23.7579

■ 64.6731, -20.1415,
-20.0602

■ 67.2284, -19.1202,
-16.2041

■ 69.9856, -17.3951,
-12.2176

■ 72.9380, -15.0096,
-8.1287

■ 76.0770, -12.0144,
-3.9632

■ 79.3928, -8.4637,
0.2568

Harmonies

Analogous

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



56.4529, -28.2654, -17.7562



56.4519, -17.0541, -33.7451



56.4529, -0.7428, -38.9505

Triad

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



56.4529, -17.0536, -33.7440



56.4529, 34.5146, 5.1759



56.4529, -20.5171, 23.6730

Complementary

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



56.4519, -17.0541, -33.7451



41.1962, 55.7518, 26.3588

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.



56.4529, -5.2522, 26.5437



56.4519, -17.0541, -33.7451



56.4529, 27.6397, 18.1187

Square

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



56.4529, -17.0536, -33.7440



56.4529, 30.3724, -12.8800



56.4529, 12.5450, 24.8723



56.4529, -30.0881, 15.4067

Rectangle

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



56.4519, -17.0541, -33.7451



56.4529, 11.2044, -34.6076



56.4529, 12.5450, 24.8723



56.4529, -15.9533, 25.1644

Sweetspot

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



56.4529, -17.0536, -33.7440



87.9057, -18.2123, -9.9621



70.2472, -59.0460, 39.6632



39.9561, -9.0314, -5.5859

0.0000, NaN, NaN



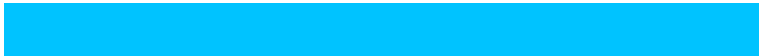
46.2646, -2.4686, 2.5136

Same Dimension

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



56.4529, -17.0536, -33.7440



67.9346, -20.3124, -41.0636



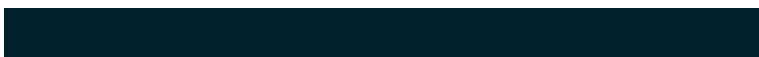
28.1922, 38.6107, -118.5806



36.8613, -3.8210, 0.2289



43.6275, -13.3974, -25.6094



11.2737, -4.0622, -5.3219

Inverse Universe

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



41.6136, 77.7858, -23.7157



50.1898, 93.7818, -28.2677



62.6056, 6.2473, 38.6852



35.4686, 2.4571, -0.2490



32.0411, 59.9434, -18.6141



7.9475, 14.9998, -5.6360

Previews

White Background



This preview shows how the HunterLab color 56.4519, -17.0541, -33.7451 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 56.4519, -17.0541, -33.7451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

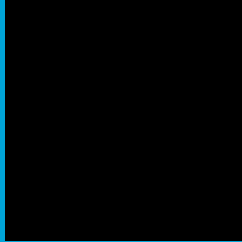
Any Text WCAG AA ✓ Pass

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 56.4519, -17.0541, -33.7451 Background



This preview shows how black text looks on a background with the HunterLab color 56.4519, -17.0541, -33.7451.



This preview shows how white text looks on a background with the HunterLab color 56.4519, -17.0541, -33.7451.

-17.0541, -33.7451.

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

56.4519, -17.0541, -33.7451

Protanopia

56.1166, 3.9721, -25.7090

Deuteranopia

56.2879, 4.4235, -35.8304

Trichromacy



Original Color

56.4519, -17.0541, -33.7451

Protanomaly

54.7932, -7.8097, -30.9452

Deuteranomaly

55.2670, -6.7626, -37.2212

Monochromacy



Original Color

56.4519, -17.0541, -33.7451

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

46.7647, -13.1060, -11.2898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4519, -17.0541, -33.7451 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, 165, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 216)  
}
```

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, 165, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4519, -17.0541, -33.7451 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, 165, 216) }
```

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

```
.border{ border-color:rgb(0, 165, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
216) }
```


Background

The CSS property to change the background color of an element to HunterLab 56.4519, -17.0541, -33.7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 216) }
```

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

```
.background{ background-color: rgb(0, 165,  
216) }
```

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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