

Converting Colors

HunterLab(56.6431, -16.7708,
-34.5955)

Have a look what the booklet for
HunterLab(56.6431, -16.7708,
-34.5955) contains.

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Color

**HunterLab(56.5440,
-16.5270, -34.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	00A5DA
RGB	0, 165, 218
RGB Percent	0%, 65%, 85%
CMY	0.9998, 0.3529, 0.1451
CMYK	1.00, 0.24, 0.00, 0.15
HSL	195°, 100%, 43%
HSV	195°, 100%, 85%
XYZ	26.1100, 31.9722, 71.1248
YIQ	121.7070, -115.3530, -18.4970

Conversions

Conversions Part 2

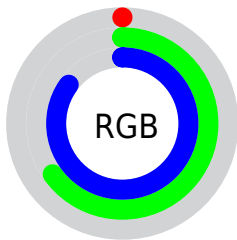
Format	Color
RYB	0, 94, 218
Decimal	42458
CIELab	63.32, -16.86, -36.77
CIELCh	63, 40.456, 245.366
Yxy	31.9733, 0.2021, 0.2475
Android (android.graphics.Color)	4278232538 (0xFF00A5DA)
YUV	121.7070, 47.4724, -106.7370
Hunter-Lab	56.5440, -16.5270, -34.9981

Details

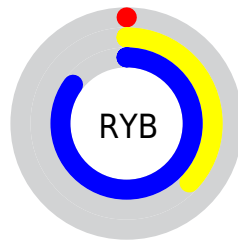
The HunterLab color **56.5440, -16.5270, -34.9981** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **41.7811, 55.8606, 26.7211**, and the grayscale version is **43.8615, -2.3403, 2.3831**.

A 20% lighter version of the original color is **78.3259, -24.5998, -23.7814**, and **38.0192, -7.7711, -30.7451** is the 20% darker color. If you saturate the color by 10%, you get **56.5406, -16.5218, -35.0050**, and if you desaturate by 10%, it is **58.3902, -18.3769, -31.6945**.

Distribution



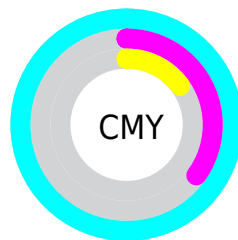
- Red (0%)
- Green (65%)
- Blue (85%)



- 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 56.5440, -16.5270, -34.9981 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 56.5440, -16.5270, -34.9981 by changing the saturation by 10% instead.

■ 56.5440, -16.5270,
-34.9981

■ 56.5440, -16.5270,
-34.9981

176.3513,
-29.6830, -39.0710

■ 46.1965, -15.0026,
-34.3525

■ 79.2271, -19.4982,
-36.2211

■ 36.5699, -13.4371,
-33.7284

■ 91.4887, -20.9617,
-36.7734

■ 27.7242, -11.8096,
-33.2001

■ 104.3248,
-22.4175, -37.2785

■ 19.7354, -10.0870,
-32.9383

■ 117.7106,
-23.8691, -37.7344

■ 12.7080, -8.2088,
-33.3932

■ 131.6246,
-25.3195, -38.1410

■ 6.0633, -10.6108,
-41.5737

146.0473,

0.0000, NaN, -NF

-26.7708, -38.4986

0.0000, NaN, -NF

160.9614,
-28.2248, -38.8082

0.0000, NaN, NaN

■ 56.5440, -16.5270,
-34.9981

■ 56.5440, -16.5270,
-34.9981

■ 56.5406, -16.5218,
-35.0050

■ 58.3902, -18.3769,
-31.6945

■ 60.4033, -19.6322,
-28.2313

■ 62.6184, -20.1597,
-24.5724

■ 65.0426, -19.9357,
-20.7339

■ 67.6758, -18.9697,
-16.7419

■ 70.5134, -17.2928,
-12.6255

■ 73.5482, -14.9498,
-8.4131

■ 76.7711, -11.9930,
-4.1306

■ 80.1722, -8.4773,
0.1998

Harmonies

Analogous

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



56.5450, -28.1975, -19.0659



56.5440, -16.5270, -34.9981



56.5450, 0.1997, -39.6076

Triad

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



56.5450, -16.5265, -34.9970



56.5450, 35.0368, 6.0242



56.5450, -21.4117, 23.6352

Complementary

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



56.5440, -16.5270, -34.9981



41.7811, 55.8606, 26.7211

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.



56.5450, -6.1695, 26.7646



56.5440, -16.5270, -34.9981



56.5450, 27.5167, 18.8010

Square

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



56.5450, -16.5265, -34.9970



56.5450, 31.3841, -12.1589



56.5450, 11.8865, 25.3164



56.5450, -30.7654, 14.9846

Rectangle

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



56.5440, -16.5270, -34.9981



56.5450, 12.3207, -34.7160



56.5450, 11.8865, 25.3164



56.5450, -16.8820, 25.2228

Sweetspot

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



56.5450, -16.5265, -34.9970



87.7292, -17.9459, -10.1945



70.9802, -59.6662, 40.0859



39.8626, -8.8922, -5.7115

0.0000, NaN, NaN



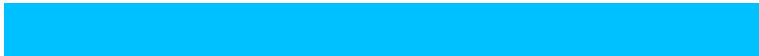
46.2646, -2.4686, 2.5136

Same Dimension

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



56.5450, -16.5265, -34.9970



67.3469, -19.4773, -42.1318



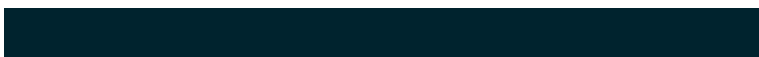
28.4707, 39.0628, -119.9048



37.7692, -3.8882, 0.2042



43.9638, -13.0730, -26.7302



11.7609, -4.1212, -5.8036

Inverse Universe

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



41.9802, 78.3566, -23.0367



50.1097, 93.4971, -27.1747



63.2504, 6.3286, 39.0840



36.3564, 2.5200, -0.2301



32.5192, 60.7486, -18.1999



8.3566, 15.7445, -5.7130

Previews

White Background



This preview shows how the HunterLab color 56.5440, -16.5270, -34.9981 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 56.5440, -16.5270, -34.9981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

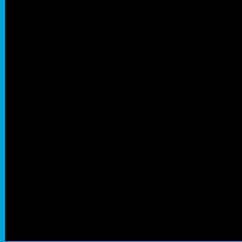
Any Text WCAG AA ✓ Pass

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 56.5440, -16.5270, -34.9981 Background



This preview shows how black text looks on a background with the HunterLab color 56.5440, -16.5270, -34.9981.



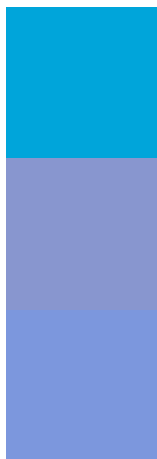
This preview shows how white text looks on a background with the HunterLab color 56.5440, -16.5270, -34.9981.

-16.5270, -34.9981.

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

56.5440, -16.5270, -34.9981

Protanopia

56.1711, 4.4137, -27.6196

Deuteranopia

56.2483, 4.4794, -37.3673



Tritanopia

56.3501, -26.9231, -12.3136

Trichromacy



Original Color

56.5440, -16.5270, -34.9981

Protanomaly

54.9291, -7.0542, -32.7972

Deuteranomaly

55.3231, -6.3730, -38.5869

Tritanomaly

56.5203, -23.5790, -19.7451

Monochromacy



Original Color

56.5440, -16.5270, -34.9981

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

47.1497, -13.1705, -11.2887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.5440, -16.5270, -34.9981 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 56.5440, -16.5270, -34.9981 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, 218) }
```


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

```
.border{ border-color:rgb(0, 165, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.5440, -16.5270, -34.9981 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, 218) }
```

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

```
.background{ background-color: rgb(0, 165,  
218) }
```

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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