

Converting Colors

HunterLab(60.1906, -16.1740,
-40.3178)

Have a look what the booklet for
HunterLab(60.1906, -16.1740,
-40.3178) contains.

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Color

**HunterLab(60.2248,
-16.0869, -40.5487)**

Conversions

Conversions Part 1

Format	Color
Hex	00AEEB
RGB	0, 174, 235
RGB Percent	0%, 68%, 92%
CMY	0.9997, 0.3176, 0.0784
CMYK	1.00, 0.26, 0.00, 0.08
HSL	196°, 100%, 46%
HSV	196°, 100%, 92%
XYZ	30.1315, 36.2703, 84.0101
YIQ	128.9280, -123.2850, -17.9170

Conversions

Conversions Part 2

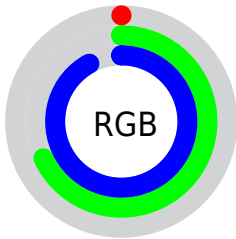
Format	Color
RYB	0, 100, 235
Decimal	44779
CIELab	66.73, -15.65, -40.81
CIELCh	67, 43.702, 249.020
Yxy	36.2715, 0.2003, 0.2411
Android (android.graphics.Color)	4278234859 (0xFF00AEEB)
YUV	128.9280, 52.2935, -113.0699
Hunter-Lab	60.2248, -16.0869, -40.5487

Details

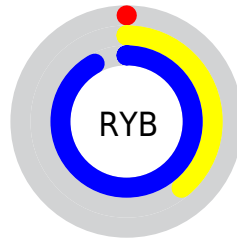
The HunterLab color **60.2248, -16.0869, -40.5487** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **45.8331, 59.7384, 29.2856**, and the grayscale version is **46.6691, -2.4901, 2.5356**.

A 20% lighter version of the original color is **81.5149, -28.2268, -19.0782**, and **41.4412, -7.4981, -35.6117** is the 20% darker color. If you saturate the color by 10%, you get **60.2201, -16.0798, -40.5583**, and if you desaturate by 10%, it is **62.3470, -18.3379, -36.6474**.

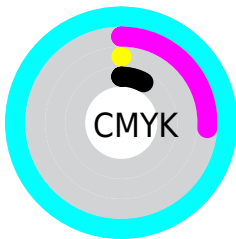
Distribution



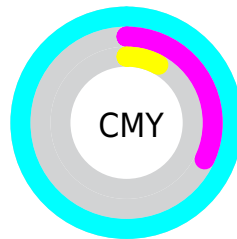
- Red (0%)
- Green (68%)
- Blue (92%)



- Red (0%)
- Yellow (39%)
- Blue (92%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.2248, -16.0869, -40.5487 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 60.2248, -16.0869, -40.5487 by changing the saturation by 10% instead.

60.2248, -16.0869,
-40.5487

60.2248, -16.0869,
-40.5487

181.6991,
-28.7356, -45.2350

49.6427, -14.6444,
-39.8711

83.3372, -18.9169,
-41.8730

39.7643, -13.1720,
-39.2342

95.7975, -20.3183,
-42.4882

30.6451, -11.6531,
-38.7188

108.8234,
-21.7160, -43.0614

22.3545, -10.0628,
-38.5005

122.3915,
-23.1132, -43.5894

14.9854, -8.3570,
-39.0090

136.4808,
-24.5121, -44.0708

8.6296, -8.3619,
-41.8177

151.0727,

0.0000, NaN, -NF

-25.9145, -44.5052

0.0000, NaN, -NF

166.1506,
-27.3220, -44.8930

0.0000, NaN, -NF

■ 60.2248, -16.0869,
-40.5487

■ 60.2248, -16.0869,
-40.5487

■ 60.2201, -16.0798,
-40.5583

■ 62.3470, -18.3379,
-36.6474

■ 64.6594, -19.9197,
-32.5771

■ 67.1978, -20.6950,
-28.3039

■ 69.9688, -20.6403,
-23.8491

■ 72.9711, -19.7693,
-19.2435

■ 76.1986, -18.1195,
-14.5209

■ 79.6422, -15.7426,
-9.7131

■ 83.2912, -12.6980,
-4.8479

■ 87.1338, -9.0473,
0.0512

Harmonies

Analogous

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



60.2258, -29.7138, -23.8419



60.2248, -16.0869, -40.5487



60.2258, 2.7873, -43.7764

Triad

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



60.2258, -16.0863, -40.5475



60.2258, 38.5600, 8.6165



60.2258, -25.0916, 24.9590

Complementary

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



60.2248, -16.0869, -40.5487



45.8331, 59.7384, 29.2856

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.



60.2258, -8.9943, 28.9709



60.2248, -16.0869, -40.5487



60.2258, 28.8390, 21.7174

Square

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



60.2258, -16.0863, -40.5475



60.2258, 36.0288, -10.9725



60.2258, 10.8333, 28.0112



60.2258, -34.4339, 14.7216

Rectangle

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



60.2248, -16.0869, -40.5487



60.2258, 16.1136, -37.0940



60.2258, 10.8333, 28.0112



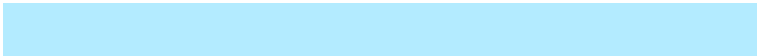
60.2258, -20.3799, 26.9042

Sweetspot

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



60.2258, -16.0863, -40.5475



87.3153, -17.3194, -10.7417



77.2861, -64.8225, 43.3352



39.6435, -8.5645, -6.0072

0.0000, NaN, NaN



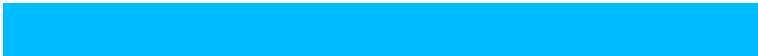
46.2646, -2.4686, 2.5136

Same Dimension

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



60.2258, -16.0863, -40.5475



65.9739, -17.5036, -44.6765



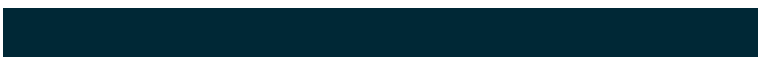
30.1760, 45.0902, -135.0464



40.5234, -4.1051, 0.1394



45.1664, -12.3444, -29.8062



13.2513, -4.3010, -7.2784

Inverse Universe

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



45.5190, 84.6584, -22.6297



49.9250, 92.8391, -24.6454



69.8698, 5.0550, 43.1404



39.0424, 2.7152, -0.1858



33.9885, 63.2739, -17.3194



9.6056, 18.0198, -5.9628

Previews

White Background



This preview shows how the HunterLab color 60.2248, -16.0869, -40.5487 looks on a white background.

Color Contrast Check

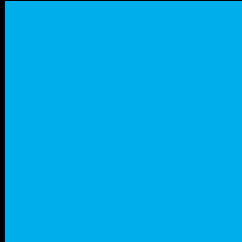
Large Text (above 18pt) WCAG AA × Fail

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 60.2248, -16.0869, -40.5487 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

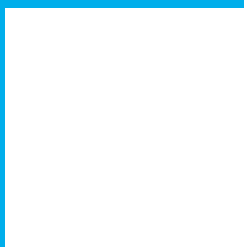
Any Text WCAG AAA ✓ Pass

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

HunterLab 60.2248, -16.0869, -40.5487 Background



This preview shows how black text looks on a background with the HunterLab color 60.2248, -16.0869, -40.5487.



This preview shows how white text looks on a background with the HunterLab color 60.2248, -16.0869, -40.5487.

-16.0869, -40.5487.

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

60.2248, -16.0869, -40.5487

Protanopia

59.8956, 5.0705, -32.1101

Deuteranopia

59.9198, 5.0811, -43.0274



Tritanopia

60.0753, -28.6343, -13.2757

Trichromacy



Original Color

60.2248, -16.0869, -40.5487

Protanomaly

58.5411, -6.8350, -37.6496

Deuteranomaly

58.9695, -5.9258, -44.3232

Tritanomaly

59.9986, -24.3515, -22.4252

Monochromacy



Original Color

60.2248, -16.0869, -40.5487

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

49.8716, -13.2829, -13.5439

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.2248, -16.0869, -40.5487 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, 174, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 235)  
}
```

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, 174, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 60.2248, -16.0869, -40.5487 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, 174, 235) }
```


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

```
.border{ border-color:rgb(0, 174, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.2248, -16.0869, -40.5487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 235) }
```

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

```
.background{ background-color: rgb(0, 174,  
235) }
```

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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