

Converting Colors

HunterLab(58.6275, -15.0752,
-40.5946)

Have a look what the booklet for
HunterLab(58.6275, -15.0752,
-40.5946) contains.

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Color

**HunterLab(58.7638,
-15.2827, -40.3358)**

Conversions

Conversions Part 1

Format	Color
Hex	02AAE7
RGB	2, 170, 231
RGB Percent	1%, 67%, 91%
CMY	0.9919, 0.3333, 0.0941
CMYK	0.99, 0.26, 0.00, 0.09
HSL	196°, 98%, 46%
HSV	196°, 99%, 91%
XYZ	28.8235, 34.5318, 80.7474
YIQ	126.7220, -119.7090, -16.6450

Conversions

Conversions Part 2

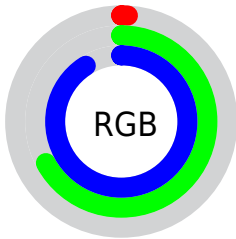
Format	Color
RYB	2, 99, 231
Decimal	174823
CIELab	65.38, -14.86, -40.72
CIELCh	65, 43.343, 249.946
Yxy	34.5330, 0.2000, 0.2396
Android (android.graphics.Color)	4278364903 (0xFF02AAE7)
YUV	126.7220, 51.4091, -109.3812
Hunter-Lab	58.7638, -15.2827, -40.3358

Details

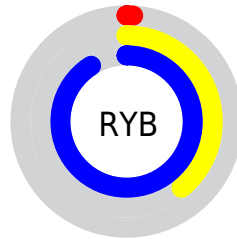
The HunterLab color **58.7638, -15.2827, -40.3358** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **45.3380, 57.4626, 28.8656**, and the grayscale version is **45.8058, -2.4441, 2.4887**.

A 20% lighter version of the original color is **80.1225, -26.5087, -21.1019**, and **40.0650, -6.7763, -35.4496** is the 20% darker color. If you saturate the color by 10%, you get **58.5783, -15.0688, -40.6887**, and if you desaturate by 10%, it is **60.9019, -17.5220, -36.3803**.

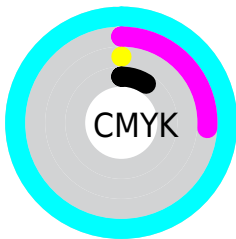
Distribution



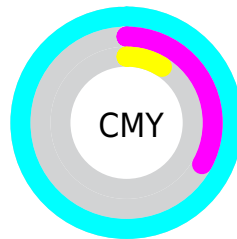
- Red (1%)
- Green (67%)
- Blue (91%)



- Red (1%)
- Yellow (39%)
- Blue (91%)



- Cyan (99%)
- Magenta (26%)
- Yellow (0%)
- Black (9%)



- Cyan (99%)
- Magenta (33%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7638, -15.2827, -40.3358 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 58.7638, -15.2827, -40.3358 by changing the saturation by 10% instead.

■ 58.7638, -15.2827,
-40.3358

■ 58.7638, -15.2827,
-40.3358

179.5835,
-27.6144, -45.0546

■ 48.2736, -13.8829,
-39.6610

■ 81.7078, -18.0329,
-41.6636

■ 38.4937, -12.4553,
-39.0339

■ 94.0901, -19.3968,
-42.2825

■ 29.4814, -10.9836,
-38.5430

■ 107.0415,
-20.7585, -42.8598

■ 21.3085, -9.4429,
-38.3833

■ 120.5380,
-22.1209, -43.3921

■ 14.0723, -7.7882,
-39.0430

■ 134.5584,
-23.4861, -43.8778

■ 7.7200, -8.8016,
-43.4096

149.0838,

0.0000, NaN, -NF

-24.8559, -44.3166

0.0000, NaN, -NF

164.0973,
-26.2317, -44.7086

0.0000, NaN, NaN

■ 58.7638, -15.2827,
-40.3358

■ 58.7638, -15.2827,
-40.3358

■ 58.5783, -15.0688,
-40.6887

■ 60.9019, -17.5220,
-36.3803

■ 63.2360, -19.0729,
-32.2525

■ 65.7943, -19.8266,
-27.9331

■ 68.5816, -19.7659,
-23.4456

■ 71.5957, -18.9084,
-18.8218

■ 74.8297, -17.2937,
-14.0949

■ 78.2742, -14.9746,
-9.2959

■ 81.9180, -12.0101,
-4.4514

■ 85.7497, -8.4610,
0.4169

Harmonies

Analogous

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



58.7648, -28.8723, -24.1460



58.7638, -15.2827, -40.3358



58.7648, 3.3814, -43.0325

Triad

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



58.7648, -15.2821, -40.3346



58.7648, 37.8721, 8.9524



58.7648, -25.0343, 24.2720

Complementary

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



58.7638, -15.2827, -40.3358



45.3380, 57.4626, 28.8656

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.



58.7648, -9.3863, 28.3589



58.7638, -15.2827, -40.3358



58.7648, 27.9626, 21.5900

Square

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



58.7648, -15.2821, -40.3346



58.7648, 35.7622, -10.1785



58.7648, 10.0786, 27.5671



58.7648, -33.9808, 14.0221

Rectangle

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



58.7638, -15.2827, -40.3358



58.7648, 16.4703, -36.1445



58.7648, 10.0786, 27.5671



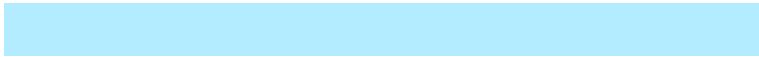
58.7648, -20.4721, 26.2349

Sweetspot

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



58.7648, -15.2821, -40.3346



87.1447, -17.0604, -10.9682



75.8185, -63.4679, 42.3406



39.5532, -8.4290, -6.1296

0.0000, NaN, NaN



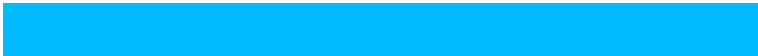
46.2646, -2.4686, 2.5136

Same Dimension

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



58.7648, -15.2821, -40.3346



65.4102, -16.6834, -45.7423



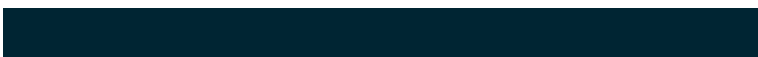
29.9021, 43.3559, -130.7192



39.5633, -3.9706, 0.1151



44.1033, -11.6366, -30.0051



12.6012, -4.0340, -7.0421

Inverse Universe

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



44.6499, 82.7068, -21.5399



49.8501, 92.5718, -23.6167



68.6843, 4.6964, 42.3541



38.1395, 2.6283, -0.1435



33.4085, 62.1131, -16.3962



9.1650, 17.1811, -5.5948

Previews

White Background



This preview shows how the HunterLab color 58.7638, -15.2827, -40.3358 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 58.7638, -15.2827, -40.3358 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

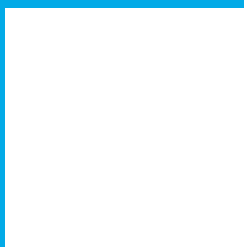
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.7638, -15.2827, -40.3358 Background



This preview shows how black text looks on a background with the HunterLab color 58.7638, -15.2827, -40.3358.



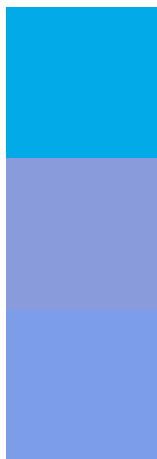
This preview shows how white text looks on a background with the HunterLab color 58.7638, -15.2827, -40.3358.

-15.2827, -40.3358.

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

58.7638, -15.2827, -40.3358

Protanopia

58.2756, 5.1894, -32.1844

Deuteranopia

58.5999, 4.7343, -42.5666



Tritanopia

58.5953, -27.8603, -13.0965

Trichromacy



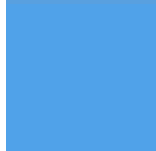
Original Color

58.7638, -15.2827, -40.3358



Protanomaly

57.0904, -6.0787, -37.4293



Deuteranomaly

57.8181, -5.6722, -43.5254



Tritanomaly

58.5263, -23.5649, -22.2212

Monochromacy



Original Color

58.7638, -15.2827, -40.3358



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

49.1481, -13.0314, -12.8862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7638, -15.2827, -40.3358 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(2, 170, 231)` looks like.

```
.text, #text, p{  
    color:rgb(2, 170, 231)  
}
```

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(2, 170, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 170, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7638, -15.2827, -40.3358 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(2, 170, 231) }
```


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

```
.border{ border-color:rgb(2, 170, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 170, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 170, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 170, 231);  
box-shadow:4px 4px 4px 4px rgb(2, 170,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.7638, -15.2827, -40.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 170, 231) }
```

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

```
.background{ background-color: rgb(2, 170,  
231) }
```

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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