

Converting Colors

HunterLab(47.8864, -48.7476,
-53.5051)

Have a look what the booklet for
HunterLab(47.8864, -48.7476,
-53.5051) contains.

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Color

**HunterLab(55.9074,
-15.6171, -36.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	00A3DA
RGB	0, 163, 218
RGB Percent	0%, 64%, 85%
CMY	0.9998, 0.3608, 0.1451
CMYK	1.00, 0.25, 0.00, 0.15
HSL	195°, 100%, 43%
HSV	195°, 100%, 85%
XYZ	25.7521, 31.2564, 71.0055
YIQ	120.5330, -114.8030, -17.4510

Conversions

Conversions Part 2

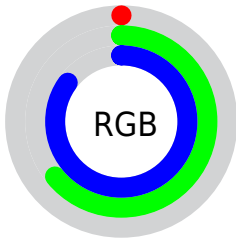
Format	Color
RYB	0, 93, 218
Decimal	41946
CIELab	62.72, -15.78, -37.71
CIELCh	63, 40.876, 247.285
Yxy	31.2574, 0.2012, 0.2442
Android (android.graphics.Color)	4278232026 (0xFF00A3DA)
YUV	120.5330, 48.0512, -105.7074
Hunter-Lab	55.9074, -15.6171, -36.1664

Details

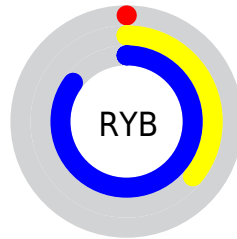
The HunterLab color **55.9074, -15.6171, -36.1664** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **42.0039, 55.1832, 26.8464**, and the grayscale version is **43.4035, -2.3159, 2.3582**.

A 20% lighter version of the original color is **77.6568, -23.6594, -24.7942**, and **37.4342, -6.8815, -31.9344** is the 20% darker color. If you saturate the color by 10%, you get **55.9035, -15.6113, -36.1742**, and if you desaturate by 10%, it is **57.8121, -17.5641, -32.7099**.

Distribution



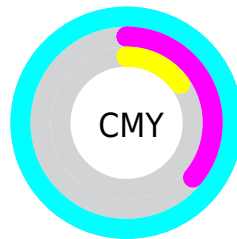
- Red (0%)
- Green (64%)
- Blue (85%)



- Red (0%)
- Yellow (36%)
- Blue (85%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9074, -15.6171, -36.1664 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 55.9074, -15.6171, -36.1664 by changing the saturation by 10% instead.

■ 55.9074, -15.6171,
-36.1664

■ 55.9074, -15.6171,
-36.1664

175.4202,
-28.3299, -40.4406

■ 45.6015, -14.1557,
-35.5132

■ 78.5144, -18.4734,
-37.4226

■ 36.0197, -12.6580,
-34.8937

■ 90.7409, -19.8841,
-37.9962

■ 27.2228, -11.1044,
-34.3920

■ 103.5435,
-21.2893, -38.5242

■ 19.2881, -9.4635,
-34.2027

■ 116.8972,
-22.6926, -39.0042

■ 12.3222, -7.6777,
-34.8420

■ 130.7802,
-24.0964, -39.4354

■ 5.4918, -9.6107,
-46.5316

145.1731,

0.0000, NaN, -NF

-25.5029, -39.8179

0.0000, NaN, -NF

160.0584,
-26.9136, -40.1526

0.0000, NaN, NaN

■ 55.9074, -15.6171,
-36.1664

■ 55.9074, -15.6171,
-36.1664

■ 55.9035, -15.6113,
-36.1742

■ 57.8121, -17.5641,
-32.7099

■ 59.8863, -18.9110,
-29.0992

■ 62.1649, -19.5257,
-25.2988

■ 64.6541, -19.3865,
-21.3270

■ 67.3531, -18.5050,
-17.2110

■ 70.2568, -16.9140,
-12.9807

■ 73.3573, -14.6597,
-8.6648

■ 76.6452, -11.7953,
-4.2889

■ 80.1102, -8.3761,
0.1255

Harmonies

Analogous

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



55.9083, -27.7288, -20.5330



55.9074, -15.6171, -36.1664



55.9083, 1.4273, -39.9260

Triad

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



55.9083, -15.6165, -36.1653



55.9083, 35.2404, 7.0222



55.9083, -22.2729, 23.2675

Complementary

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



55.9074, -15.6171, -36.1664



42.0039, 55.1832, 26.8464

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.



55.9083, -7.2667, 26.6882



55.9074, -15.6171, -36.1664



55.9083, 26.9844, 19.4121

Square

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



55.9083, -15.6165, -36.1653



55.9083, 32.2773, -11.0694



55.9083, 10.8757, 25.5402



55.9083, -31.2225, 14.2273

Rectangle

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



55.9074, -15.6171, -36.1664



55.9083, 13.6114, -34.3853



55.9083, 10.8757, 25.5402



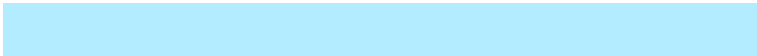
55.9083, -17.8482, 24.9590

Sweetspot

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



55.9083, -15.6165, -36.1653



87.4984, -17.5968, -10.4994



71.0036, -59.5194, 39.7398



39.7404, -8.7096, -5.8762

0.0000, NaN, NaN



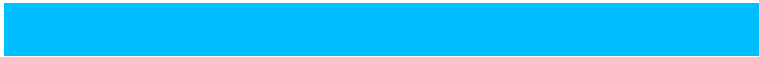
46.2646, -2.4686, 2.5136

Same Dimension

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



55.9083, -15.6165, -36.1653



66.5801, -18.3791, -43.5442



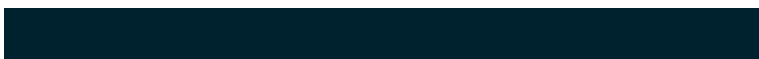
27.8414, 41.0375, -123.3803



37.7414, -3.8434, 0.1709



43.4774, -12.3803, -27.6173



11.6565, -3.9782, -5.9818

Inverse Universe

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



41.8942, 78.0495, -21.8582



50.0062, 93.1284, -25.7580



64.2520, 4.5257, 39.6696



36.3535, 2.5044, -0.1888



32.4531, 60.5134, -17.2969



8.3418, 15.6921, -5.5127

Previews

White Background



This preview shows how the HunterLab color 55.9074, -15.6171, -36.1664 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 55.9074, -15.6171, -36.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

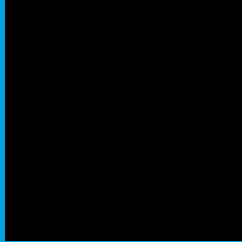
Any Text WCAG AA ✓ Pass

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 55.9074, -15.6171, -36.1664 Background



This preview shows how black text looks on a background with the HunterLab color 55.9074, -15.6171, -36.1664.



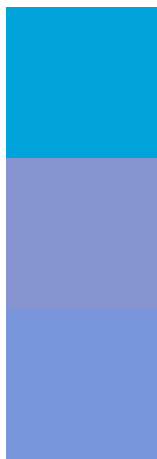
This preview shows how white text looks on a background with the HunterLab color 55.9074,

-15.6171, -36.1664.

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

55.9074, -15.6171, -36.1664

Protanopia

55.7389, 4.4271, -28.3688

Deuteranopia

55.7657, 4.3350, -38.2914



Tritanopia

55.9469, -26.9471, -11.7578

Trichromacy



Original Color

55.9074, -15.6171, -36.1664

Protanomaly

54.5396, -6.8815, -33.5093

Deuteranomaly

54.9434, -6.1587, -39.3187

Tritanomaly

55.8278, -22.9649, -20.2053

Monochromacy



Original Color

55.9074, -15.6171, -36.1664

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

46.4612, -12.6693, -11.7298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9074, -15.6171, -36.1664 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 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, 163, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9074, -15.6171, -36.1664 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, 218) }
```


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

```
.border{ border-color:rgb(0, 163, 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, 163, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9074, -15.6171, -36.1664 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, 218) }
```

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

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