

Converting Colors

HunterLab(51.0790, -3.0600,
-57.2385)

Have a look what the booklet for
HunterLab(51.0790, -3.0600,
-57.2385) contains.

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Color

**HunterLab(51.0656, -3.0578,
-57.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	0091E8
RGB	0, 145, 232
RGB Percent	0%, 57%, 91%
CMY	0.9998, 0.4314, 0.0902
CMYK	1.00, 0.37, 0.00, 0.09
HSL	203°, 100%, 46%
HSV	203°, 100%, 91%
XYZ	24.6909, 26.0770, 80.0759
YIQ	111.5630, -114.3470, -3.6830

Conversions

Conversions Part 2

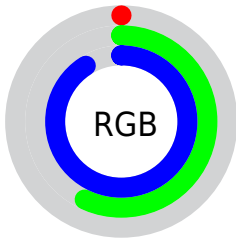
Format	Color
R _{YB}	0, 89, 232
Decimal	37352
CIE _{Lab}	58.11, -0.41, -52.75
CIE _{LCh}	58, 52.753, 269.560
Yxy	26.0778, 0.1887, 0.1993
Android (android.graphics.Color)	4278227432 (0xFF0091E8)
YUV	111.5630, 59.3754, -97.8408
Hunter-Lab	51.0656, -3.0578, -57.2266

Details

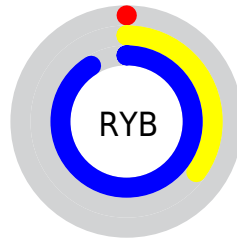
The HunterLab color **51.0656, -3.0578, -57.2266** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **48.9719, 48.0414, 31.0151**, and the grayscale version is **39.9041, -2.1292, 2.1681**.

A 20% lighter version of the original color is **71.1845, -13.7686, -35.1768**, and **33.6437, 4.4122, -51.5765** is the 20% darker color. If you saturate the color by 10%, you get **51.0590, -3.0466, -57.2426**, and if you desaturate by 10%, it is **53.8748, -6.7064, -50.9383**.

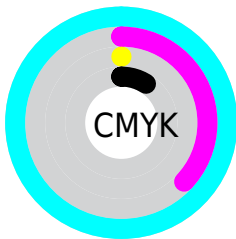
Distribution



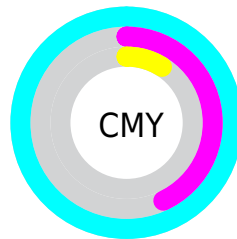
- Red (0%)
- Green (57%)
- Blue (91%)



- Red (0%)
- Yellow (35%)
- Blue (91%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0656, -3.0578, -57.2266 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 51.0656, -3.0578, -57.2266 by changing the saturation by 10% instead.

■ 51.0656, -3.0578,
-57.2266

■ 51.0656, -3.0578,
-57.2266

168.2746, -9.4781,
-63.6295

■ 41.0875, -2.5007,
-56.7445

■ 73.0755, -4.2742,
-58.6115

■ 31.8595, -1.9829,
-56.5983

■ 85.0269, -4.9318,
-59.3793

■ 23.4493, -1.5063,
-57.1232

■ 97.5670, -5.6199,
-60.1511

■ 15.9460, -1.0747,
-59.1059

■ 110.6693, -6.3373,
-60.9088

■ 9.4761, -0.6934,
-64.8248

■ 124.3107, -7.0828,
-61.6411

0.0000, NaN, -NF

0.0000, NaN, -NF

138.4706, -7.8553,

-62.3413

0.0000, NaN, -NF

153.1308, -8.6540,
-63.0049

0.0000, NaN, NaN

■ 51.0656, -3.0578,
-57.2266

■ 51.0656, -3.0578,
-57.2266

■ 51.0590, -3.0466,
-57.2426

■ 53.8748, -6.7064,
-50.9383

■ 56.9225, -9.5995,
-44.6125

■ 60.2349, -11.6183,
-38.2338

■ 63.8061, -12.7709,
-31.8475

■ 67.6235, -13.1015,
-25.4963

■ 71.6715, -12.6737,
-19.2140

■ 75.9334, -11.5584,
-13.0234

■ 80.3930, -9.8274,
-6.9384

■ 85.0347, -7.5488,
-0.9650

Harmonies

Analogous

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



51.0664, -22.7049, -46.4397



51.0656, -3.0578, -57.2266



51.0664, 20.2194, -47.0177

Triad

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



51.0664, -3.0568, -57.2254



51.0664, 40.2279, 19.0988



51.0664, -34.7147, 19.4409

Complementary

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



51.0656, -3.0578, -57.2266



48.9719, 48.0414, 31.0151

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.



51.0664, -22.2243, 27.0684



51.0656, -3.0578, -57.2266



51.0664, 20.8887, 26.9389

Square

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



51.0664, -3.0568, -57.2254



51.0664, 47.6714, 2.4651



51.0664, -2.3974, 29.0729



51.0664, -38.9510, 3.0923

Rectangle

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



51.0656, -3.0578, -57.2266



51.0664, 34.2178, -31.4310



51.0664, -2.3974, 29.0729



51.0664, -31.4612, 22.8053

Sweetspot

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



51.0664, -3.0568, -57.2254



84.4411, -12.8958, -14.6220



76.4013, -62.4401, 39.2983



38.1240, -6.2479, -8.1101

0.0000, NaN, NaN



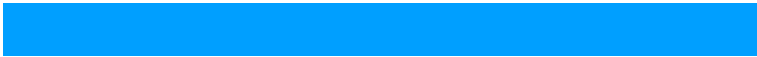
46.2646, -2.4686, 2.5136

Same Dimension

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



51.0664, -3.0568, -57.2254



56.6894, -3.1433, -64.0712



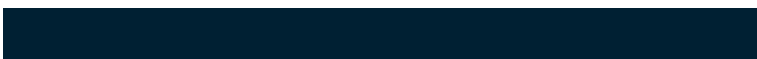
26.0882, 57.3615, -156.4264



39.2176, -3.4101, -0.3013



38.3701, -2.8084, -41.8967



11.2475, -2.0582, -9.6153

Inverse Universe

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



43.8197, 79.6999, -7.8493



48.7600, 88.6615, -8.4805



76.7884, -8.4263, 47.1678



38.1035, 2.4351, 0.3690



32.6864, 59.5244, -6.3822



8.9855, 16.5406, -3.1294

Previews

White Background



This preview shows how the HunterLab color 51.0656, -3.0578, -57.2266 looks on a white background.

Color Contrast Check

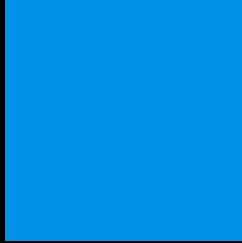
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0656, -3.0578, -57.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

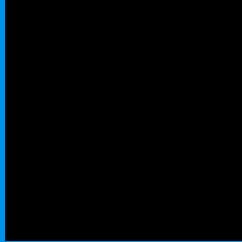
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

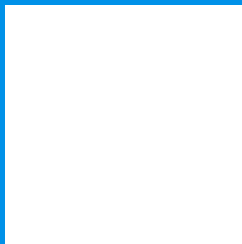
Any Text WCAG AAA × Fail

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

HunterLab 51.0656, -3.0578, -57.2266 Background



This preview shows how black text looks on a background with the HunterLab color 51.0656, -3.0578, -57.2266.



This preview shows how white text looks on a background with the HunterLab color 51.0656, -3.0578, -57.2266.

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

51.0656, -3.0578, -57.2266

Protanopia

50.9837, 9.1053, -50.4350

Deuteranopia

51.0835, 4.6354, -57.9168



Tritanopia

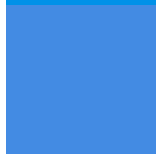
50.8211, -24.4958, -10.6425

Trichromacy



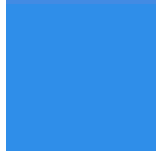
Original Color

51.0656, -3.0578, -57.2266



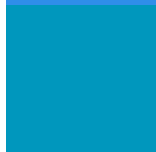
Protanomaly

50.2042, 2.4963, -54.8460



Deuteranomaly

50.8267, 0.7947, -58.5943



Tritanomaly

50.8009, -17.7421, -25.1965

Monochromacy



Original Color

51.0656, -3.0578, -57.2266



Achromatopsia

40.2529, -2.1478, 2.1870



Achromatomaly

42.6089, -8.3462, -17.6566

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0656, -3.0578, -57.2266 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, 145, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 232)  
}
```

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, 145, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0656, -3.0578, -57.2266 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, 145, 232) }
```


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

```
.border{ border-color:rgb(0, 145, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0656, -3.0578, -57.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 232) }
```

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

```
.background{ background-color: rgb(0, 145,  
232) }
```

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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