

Converting Colors

HunterLab(51.8728, 1.2217,
-66.7549)

Have a look what the booklet for
HunterLab(51.8728, 1.2217,
-66.7549) contains.

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Color

**HunterLab(51.8728, 1.2103,
-66.7534)**

Conversions

Conversions Part 1

Format	Color
Hex	0A91F5
RGB	10, 145, 245
RGB Percent	4%, 57%, 96%
CMY	0.9605, 0.4314, 0.0392
CMYK	0.96, 0.41, 0.00, 0.04
HSL	206°, 92%, 50%
HSV	206°, 96%, 96%
XYZ	26.7320, 26.9079, 90.1710
YIQ	116.0350, -112.5600, 2.4800

Conversions

Conversions Part 2

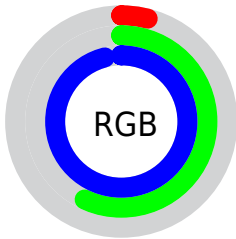
Format	Color
R_{YB}	10, 96, 245
Decimal	692725
CIE _{Lab}	58.89, 4.80, -58.70
CIE _{LCh}	59, 58.892, 274.672
Yxy	26.9087, 0.1859, 0.1871
Android (android.graphics.Color)	4278882805 (0xFF0A91F5)
YUV	116.0350, 63.5797, -92.9927
Hunter-Lab	51.8728, 1.2103, -66.7534

Details

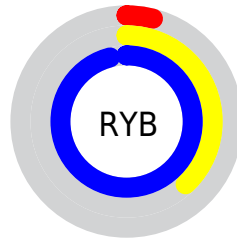
The HunterLab color **51.8728, 1.2103, -66.7534** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **55.3187, 42.8950, 34.5281**, and the grayscale version is **41.6064, -2.2200, 2.2606**.

A 20% lighter version of the original color is **71.4057, -12.9697, -34.7825**, and **34.3733, 8.2346, -60.7399** is the 20% darker color. If you saturate the color by 10%, you get **50.5552, 3.2032, -70.1044**, and if you desaturate by 10%, it is **55.2525, -3.1552, -58.7083**.

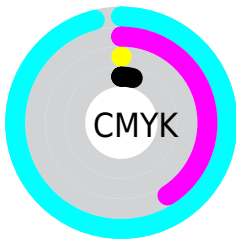
Distribution



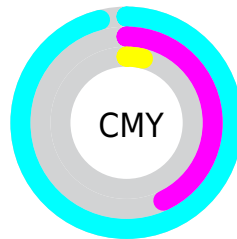
- Red (4%)
- Green (57%)
- Blue (96%)



- Red (4%)
- Yellow (38%)
- Blue (96%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8728, 1.2103, -66.7534 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 51.8728, 1.2103, -66.7534 by changing the saturation by 10% instead.

■ 51.8728, 1.2103,
-66.7534

■ 51.8728, 1.2103,
-66.7534

169.4741, -3.1905,
-73.4949

■ 41.8386, 1.4806,
-66.4370

■ 73.9846, 0.5169,
-68.0290

■ 32.5499, 1.6891,
-66.5897

■ 85.9829, 0.1004,
-68.8079

■ 24.0732, 1.8278,
-67.6413

■ 98.5677, -0.3577,
-69.6175

■ 16.4952, 1.8833,
-70.5828

■ 111.7128, -0.8547,
-70.4325

■ 9.9390, 1.8337,
-78.2175

■ 125.3953, -1.3882,
-71.2366

0.0000, INF, -NF

0.0000, NaN, -NF

139.5948, -1.9565,

-72.0193

0.0000, NaN, -NF

154.2932, -2.5577,
-72.7736

0.0000, NaN, -NF

■ 51.8728, 1.2103,
-66.7534

■ 51.8728, 1.2103,
-66.7534

■ 50.5552, 3.2032,
-70.1044

■ 55.2525, -3.1552,
-58.7083

■ 58.9453, -6.5543,
-50.6850

■ 62.9451, -8.9698,
-42.7410

■ 67.2348, -10.4453,
-34.9320

■ 71.7929, -11.0539,
-27.2975

■ 76.5972, -10.8812,
-19.8592

■ 81.6265, -10.0135,
-12.6251

■ 86.8608, -8.5329,
-5.5925

■ 92.2823, -6.5134,
1.2477

Harmonies

Analogous

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



51.8736, -21.8106, -58.0142



51.8728, 1.2103, -66.7534



51.8736, 27.5740, -50.7642

Triad

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



51.8736, 1.2115, -66.7522



51.8736, 43.0856, 22.7121



51.8736, -39.5241, 18.8499

Complementary

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



51.8728, 1.2103, -66.7534



55.3187, 42.8950, 34.5281

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.



51.8736, -27.4272, 28.1399



51.8728, 1.2103, -66.7534



51.8736, 19.4860, 29.5125

Square

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



51.8736, 1.2115, -66.7522



51.8736, 54.4968, 6.4190



51.8736, -6.6361, 30.8782



51.8736, -42.5788, -1.0491

Rectangle

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



51.8728, 1.2103, -66.7534



51.8736, 42.6678, -31.2755



51.8736, -6.6361, 30.8782



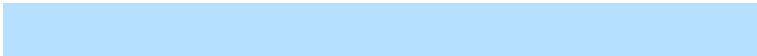
51.8736, -36.5102, 22.9463

Sweetspot

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



51.8736, 1.2115, -66.7522



83.7287, -10.8406, -15.5902



81.5181, -64.9593, 38.7837



37.6970, -5.1913, -8.7113

0.0000, NaN, NaN



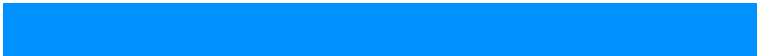
46.2646, -2.4686, 2.5136

Same Dimension

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



51.8736, 1.2115, -66.7522



52.8386, 3.4723, -73.5394



27.5107, 62.5674, -168.1301



41.8417, -3.3808, -0.5515



37.4820, 1.6861, -50.4892



11.9929, -0.9920, -12.8486

Inverse Universe

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



46.5570, 82.9146, -3.9751



48.3214, 87.0761, -2.2966



85.7404, -15.2421, 52.3660



40.7947, 2.5479, 0.6372



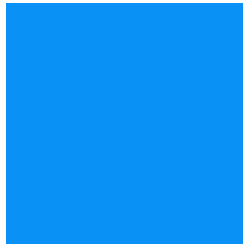
33.9376, 61.2417, -2.2753



10.1628, 18.5228, -2.1042

Previews

White Background



This preview shows how the HunterLab color 51.8728, 1.2103, -66.7534 looks on a white background.

Color Contrast Check

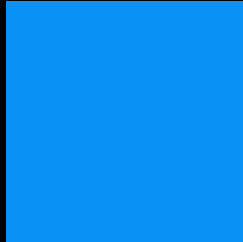
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8728, 1.2103, -66.7534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

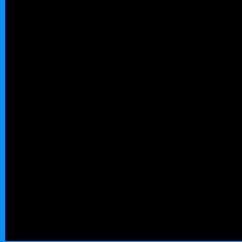
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

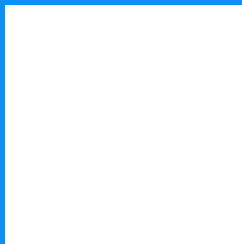
Any Text WCAG AAA × Fail

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

HunterLab 51.8728, 1.2103, -66.7534 Background



This preview shows how black text looks on a background with the HunterLab color 51.8728, 1.2103, -66.7534.



This preview shows how white text looks on a background with the HunterLab color 51.8728, 1.2103, -66.7534.

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

51.8728, 1.2103, -66.7534

Protanopia

51.6343, 11.3286, -60.8669

Deuteranopia

52.0413, 4.8924, -67.1797



Tritanopia

51.5431, -24.8739, -10.7288

Trichromacy



Original Color

51.8728, 1.2103, -66.7534

Protanomaly

51.2497, 6.1013, -64.5883

Deuteranomaly

51.9735, 3.1748, -67.3814

Tritanomaly

51.4027, -16.5840, -28.1681

Monochromacy



Original Color

51.8728, 1.2103, -66.7534

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

44.0464, -7.1311, -19.6258

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8728, 1.2103, -66.7534 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(10, 145, 245)` looks like.

```
.text, #text, p{  
    color:rgb(10, 145, 245)  
}
```

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(10, 145, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 145, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8728, 1.2103, -66.7534 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(10, 145, 245) }
```


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

```
.border{ border-color:rgb(10, 145, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 145, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 145, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 145, 245);  
box-shadow:4px 4px 4px 4px rgb(10, 145,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8728, 1.2103, -66.7534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 145, 245) }
```

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

```
.background{ background-color: rgb(10, 145,  
245) }
```

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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