

Converting Colors

HunterLab(40.4443, -47.3874,
-98.2027)

Have a look what the booklet for
HunterLab(40.4443, -47.3874,
-98.2027) contains.

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Color

**HunterLab(52.1712, -1.2786,
-62.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	0093F1
RGB	0, 147, 241
RGB Percent	0%, 58%, 95%
CMY	0.9997, 0.4235, 0.0549
CMYK	1.00, 0.39, 0.00, 0.05
HSL	203°, 100%, 47%
HSV	203°, 100%, 95%
XYZ	26.3109, 27.2183, 87.0861
YIQ	113.7630, -117.7860, -1.9300

Conversions

Conversions Part 2

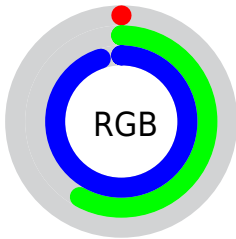
Format	Color
R _{YB}	0, 91, 241
Decimal	37873
CIE Lab	59.18, 1.83, -56.03
CIE LCh	59, 56.065, 271.872
Yxy	27.2192, 0.1871, 0.1936
Android (android.graphics.Color)	4278227953 (0xFF0093F1)
YUV	113.7630, 62.7278, -99.7702
Hunter-Lab	52.1712, -1.2786, -62.4492

Details

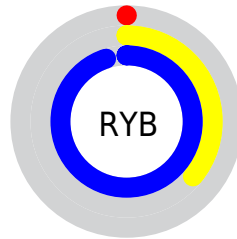
The HunterLab color **52.1712, -1.2786, -62.4492** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **51.6901, 48.6576, 32.7008**, and the grayscale version is **40.7369, -2.1736, 2.2133**.

A 20% lighter version of the original color is **72.2367, -14.9184, -33.4008**, and **34.6556, 5.9327, -56.1235** is the 20% darker color. If you saturate the color by 10%, you get **52.1635, -1.2654, -62.4683**, and if you desaturate by 10%, it is **55.1905, -5.3309, -55.4865**.

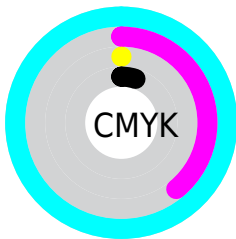
Distribution



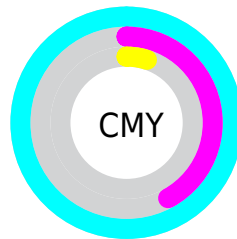
- Red (0%)
- Green (58%)
- Blue (95%)



- Red (0%)
- Yellow (36%)
- Blue (95%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1712, -1.2786, -62.4492 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 52.1712, -1.2786, -62.4492 by changing the saturation by 10% instead.

■ 52.1712, -1.2786,
-62.4492

■ 52.1712, -1.2786,
-62.4492

■ 169.9167, -6.8454,
-69.0760

■ 42.1164, -0.8431,
-62.0332

■ 74.3205, -2.2735,
-63.7987

■ 32.8054, -0.4567,
-62.0081

■ 86.3360, -2.8292,
-64.5785

■ 24.3043, -0.1239,
-62.7419

■ 98.9372, -3.4201,
-65.3748

■ 16.6992, 0.1470,
-65.0807

■ 112.0980, -4.0443,
-66.1662

■ 10.1114, 0.3431,
-71.4024

■ 125.7956, -4.7003,
-66.9392

0.0000, NaN, -NF

0.0000, NaN, -NF

140.0097, -5.3867,

-67.6852

0.0000, NaN, -NF

154.7222, -6.1020,
-68.3986

0.0000, NaN, -NF

■ 52.1712, -1.2786,
-62.4492

■ 52.1712, -1.2786,
-62.4492

■ 52.1635, -1.2654,
-62.4683

■ 55.1905, -5.3309,
-55.4865

■ 58.4705, -8.5711,
-48.5070

■ 62.0357, -10.8810,
-41.5008

■ 65.8779, -12.2728,
-34.5189

■ 69.9820, -12.7974,
-27.6067

■ 74.3302, -12.5253,
-20.7981

■ 78.9040, -11.5342,
-14.1146

■ 83.6852, -9.9015,
-7.5672

■ 88.6569, -7.7000,
-1.1588

Harmonies

Analogous

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



52.1720, -22.7280, -52.2760



52.1712, -1.2786, -62.4492



52.1720, 23.7565, -49.5795

Triad

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



52.1720, -1.2775, -62.4480



52.1720, 42.2444, 21.0477



52.1720, -37.4364, 19.5285

Complementary

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



52.1712, -1.2786, -62.4492



51.6901, 48.6576, 32.7008

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.



52.1720, -24.8971, 27.9913



52.1712, -1.2786, -62.4492



52.1720, 20.6885, 28.5500

Square

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



52.1720, -1.2775, -62.4480



52.1720, 51.5314, 4.2473



52.1720, -4.2787, 30.3587



52.1720, -41.2231, 1.3921

Rectangle

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



52.1712, -1.2786, -62.4492



52.1720, 38.4964, -31.9931



52.1720, -4.2787, 30.3587



52.1720, -34.2318, 23.2595

Sweetspot

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



52.1720, -1.2775, -62.4480



84.0700, -12.3149, -15.1337



79.8071, -64.9432, 40.4449



37.9280, -5.9433, -8.3881

0.0000, NaN, NaN



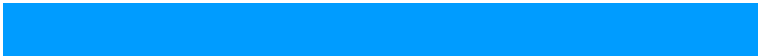
46.2646, -2.4686, 2.5136

Same Dimension

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



52.1720, -1.2775, -62.4480



55.5278, -1.1961, -66.8228



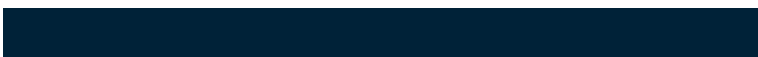
26.8148, 61.5639, -166.4057



41.0284, -3.4964, -0.3891



38.7625, -1.5204, -45.1677



12.0114, -1.7845, -11.1611

Inverse Universe

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



45.6169, 82.7299, -6.3210



48.6249, 88.1738, -6.5812



81.3851, -10.7321, 49.9598



39.9009, 2.5461, 0.4520



33.6306, 61.0697, -5.2167



9.7998, 17.9735, -2.9004

Previews

White Background



This preview shows how the HunterLab color 52.1712, -1.2786, -62.4492 looks on a white background.

Color Contrast Check

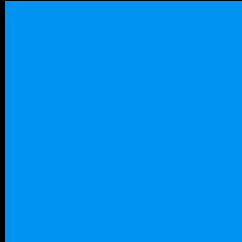
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1712, -1.2786, -62.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

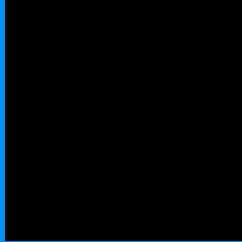
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

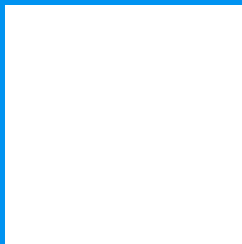
Any Text WCAG AAA × Fail

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

HunterLab 52.1712, -1.2786, -62.4492 Background



This preview shows how black text looks on a background with the HunterLab color 52.1712, -1.2786, -62.4492.

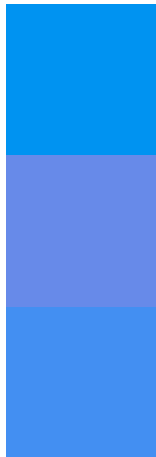


This preview shows how white text looks on a background with the HunterLab color 52.1712, -1.2786, -62.4492.

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

52.1712, -1.2786, -62.4492

Protanopia

51.9073, 10.2290, -55.8911

Deuteranopia

52.2006, 4.9565, -63.1606



Tritanopia

51.9048, -25.0633, -10.7721

Trichromacy



Original Color

52.1712, -1.2786, -62.4492

Protanomaly

51.2485, 4.0501, -60.1588

Deuteranomaly

51.8372, 2.2469, -64.1009

Tritanomaly

51.6939, -17.1168, -27.6625

Monochromacy



Original Color

52.1712, -1.2786, -62.4492

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.4468, -8.0216, -18.7541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.1712, -1.2786, -62.4492 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, 147, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 241)  
}
```

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, 147, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 241) }
```

Border

The CSS property to change the border of an element to HunterLab 52.1712, -1.2786, -62.4492 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, 147, 241) }
```


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

```
.border{ border-color:rgb(0, 147, 241) }
```

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

Here you see how a box with a 4 pixel rgb(0, 147, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
241) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.1712, -1.2786, -62.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 241) }
```

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

```
.background{ background-color: rgb(0, 147,  
241) }
```

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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