

Converting Colors

HunterLab(53.5718, -30.2808,
-72.2549)

Have a look what the booklet for
HunterLab(53.5718, -30.2808,
-72.2549) contains.

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Color

**HunterLab(59.6623, -7.9583,
-57.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	00A9FF
RGB	0, 169, 255
RGB Percent	0%, 66%, 100%
CMY	0.9997, 0.3372, 0.0000
CMYK	1.00, 0.34, 0.00, 0.00
HSL	200°, 100%, 50%
HSV	200°, 100%, 100%
XYZ	32.2379, 35.5959, 99.7792
YIQ	128.2730, -128.3300, -9.0820

Conversions

Conversions Part 2

Format	Color
R _{YB}	0, 102, 255
Decimal	43519
CIE _{Lab}	66.21, -5.66, -52.52
CIE _{LCh}	66, 52.824, 263.852
Y _{xy}	35.5970, 0.1923, 0.2124
Android (android.graphics.Color)	4278233599 (0xFF00A9FF)
YUV	128.2730, 62.4764, -112.4954
Hunter-Lab	59.6623, -7.9583, -57.3930

Details

The HunterLab color **59.6623, -7.9583, -57.3930** 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 **52.8467, 58.0764, 33.5781**, and the grayscale version is **46.3759, -2.4745, 2.5197**.

A 20% lighter version of the original color is **79.9850, -25.2934, -21.2857**, and **40.9876, 0.3656, -52.0200** is the 20% darker color. If you saturate the color by 10%, you get **59.6548, -7.9463, -57.4094**, and if you desaturate by 10%, it is **62.5440, -11.5401, -51.3484**.

Distribution



- Red (0%)
- Green (66%)
- Blue (100%)



- Red (0%)
- Yellow (40%)
- Blue (100%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.6623, -7.9583, -57.3930 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 59.6623, -7.9583, -57.3930 by changing the saturation by 10% instead.

■ 59.6623, -7.9583,
-57.3930

■ 59.6623, -7.9583,
-57.3930

180.8855,
-16.6244, -63.7285

■ 49.1153, -7.0847,
-56.7605

■ 82.7101, -9.7540,
-58.8788

■ 39.2746, -6.2265,
-56.3204

■ 95.1404, -10.6793,
-59.6496

■ 30.1963, -5.3799,
-56.2550

■ 108.1378,
-11.6232, -60.4083

■ 21.9507, -4.5393,
-56.9499

■ 121.6784,
-12.5860, -61.1430

■ 14.6324, -3.6941,
-59.3374

■ 135.7413,
-13.5675, -61.8460

■ 8.2920, -3.4157,
-67.0845

150.3077,

0.0000, NaN, -NF

-14.5678, -62.5129

0.0000, NaN, -NF

165.3609,
-15.5868, -63.1409

0.0000, NaN, -NF

■ 59.6623, -7.9583,
-57.3930

■ 59.6623, -7.9583,
-57.3930

■ 59.6548, -7.9463,
-57.4094

■ 62.5440, -11.5401,
-51.3484

■ 65.6739, -14.3058,
-45.1938

■ 69.0831, -16.1238,
-38.9099

■ 72.7706, -16.9887,
-32.5384

■ 76.7269, -16.9376,
-26.1250

■ 80.9383, -16.0312,
-19.7102

■ 85.3890, -14.3421,
-13.3258

■ 90.0627, -11.9459,
-6.9950

■ 94.9433, -8.9169,
-0.7329

Harmonies

Analogous

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



59.6632, -27.6099, -43.0395



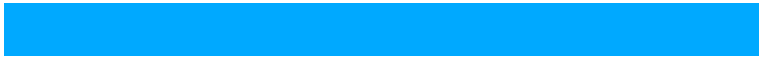
59.6623, -7.9583, -57.3930



59.6632, 16.2447, -51.0863

Triad

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



59.6632, -7.9576, -57.3911



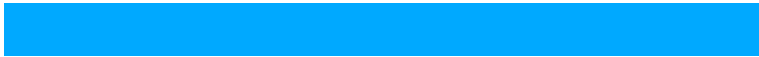
59.6632, 44.1166, 18.1688



59.6632, -35.5173, 23.4741

Complementary

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



59.6623, -7.9583, -57.3930



52.8467, 58.0764, 33.5781

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.



59.6632, -20.4110, 30.7334



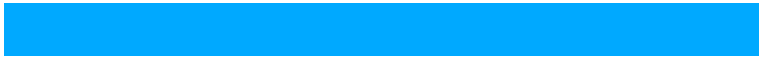
59.6623, -7.9583, -57.3930



59.6632, 25.9326, 28.6059

Square

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



59.6632, -7.9576, -57.3911



59.6632, 48.8218, -1.5505



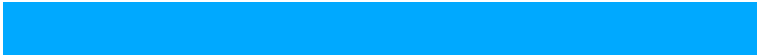
59.6632, 1.7390, 32.1577



59.6632, -41.8536, 7.6777

Rectangle

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



59.6623, -7.9583, -57.3930



59.6632, 31.5258, -36.8992



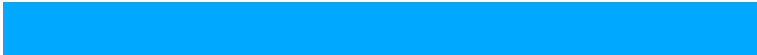
59.6632, 1.7390, 32.1577



59.6632, -31.4213, 26.7033

Sweetspot

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



59.6632, -7.9576, -57.3911



85.3754, -14.3482, -13.3448



84.9572, -70.0898, 45.1179



38.6175, -7.0091, -7.4168

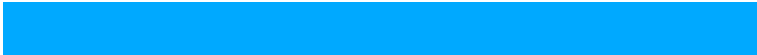
0.0000, NaN, NaN



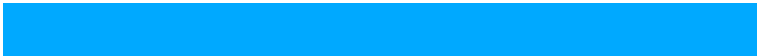
46.2646, -2.4686, 2.5136

Same Dimension

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



59.6632, -7.9576, -57.3911



59.6548, -7.9463, -57.4094



29.8608, 60.7171, -168.3849



44.0325, -4.0535, -0.2051



43.4536, -6.2670, -40.7845



14.2850, -3.0695, -11.2289

Inverse Universe

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



49.1185, 89.9402, -13.4688



49.1158, 89.9426, -13.4576



82.8275, -5.0568, 50.9478



42.6498, 2.8607, 0.1899



35.5445, 65.1622, -10.2964



11.1828, 20.6613, -4.4830

Previews

White Background



This preview shows how the HunterLab color 59.6623, -7.9583, -57.3930 looks on a white background.

Color Contrast Check

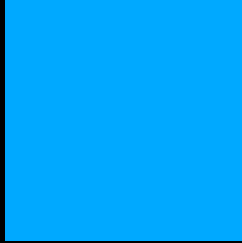
Large Text (above 18pt) WCAG AA × Fail

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 59.6623, -7.9583, -57.3930 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

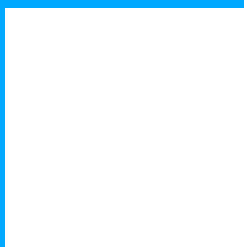
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.6623, -7.9583, -57.3930 Background



This preview shows how black text looks on a background with the HunterLab color 59.6623, -7.9583, -57.3930.

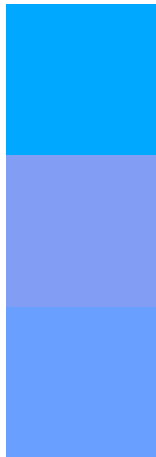


This preview shows how white text looks on a background with the HunterLab color 59.6623, -7.9583, -57.3930.

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

59.6623, -7.9583, -57.3930

Protanopia

59.4245, 8.4679, -48.6289

Deuteranopia

59.4684, 5.3280, -57.5866



Tritanopia

59.6677, -28.6590, -12.7129

Trichromacy



Original Color

59.6623, -7.9583, -57.3930

Protanomaly

58.3617, -0.6888, -54.2693

Deuteranomaly

58.8283, -1.4175, -59.1254

Tritanomaly

59.5944, -22.0182, -26.9570

Monochromacy



Original Color

59.6623, -7.9583, -57.3930

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

49.4472, -11.2450, -17.7433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.6623, -7.9583, -57.3930 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, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 255)  
}
```

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, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 59.6623, -7.9583, -57.3930 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, 169, 255) }
```


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

```
.border{ border-color:rgb(0, 169, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 169, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.6623, -7.9583, -57.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 255) }
```

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

```
.background{ background-color: rgb(0, 169,  
255) }
```

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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