

Converting Colors

HunterLab(60.0587, -3.9126,
-56.4574)

Have a look what the booklet for
HunterLab(60.0587, -3.9126,
-56.4574) contains.

HunterLab(59.9562, -3.7498, -56.6775)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(59.9562, -3.7498,
-56.6775)**

Conversions

Conversions Part 1

Format	Color
Hex	40A7FF
RGB	64, 167, 255
RGB Percent	25%, 65%, 100%
CMY	0.7490, 0.3451, 0.0000
CMYK	0.75, 0.35, 0.00, 0.00
HSL	208°, 100%, 63%
HSV	208°, 75%, 100%
XYZ	33.9831, 35.9475, 99.7553
YIQ	146.2350, -89.6360, 5.5320

Conversions

Conversions Part 2

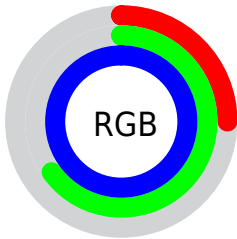
Format	Color
R _{YB}	64, 131, 255
Decimal	4237311
CIE _{Lab}	66.48, -0.64, -52.04
CIE _{LCh}	66, 52.043, 269.297
Yxy	35.9486, 0.2003, 0.2119
Android (android.graphics.Color)	4282427391 (0xFF40A7FF)
YUV	146.2350, 53.6211, -72.1201
Hunter-Lab	59.9562, -3.7498, -56.6775

Details

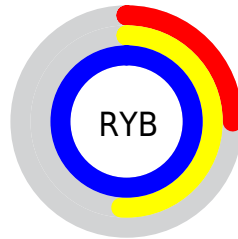
The HunterLab color **59.9562, -3.7498, -56.6775** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **66.4009, 27.3385, 37.0616**, and the grayscale version is **53.5272, -2.8561, 2.9082**.

A 20% lighter version of the original color is **80.3825, -20.3933, -20.6082**, and **40.7038, 0.8564, -52.7250** is the 20% darker color. If you saturate the color by 10%, you get **55.8290, 0.2374, -66.0671**, and if you desaturate by 10%, it is **64.4282, -6.6669, -47.4791**.

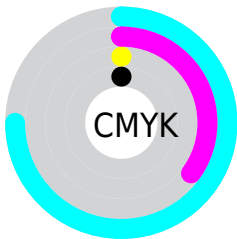
Distribution



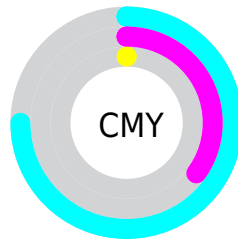
- Red (25%)
- Green (65%)
- Blue (100%)



- Red (25%)
- Yellow (51%)
- Blue (100%)



- Cyan (75%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.9562, -3.7498, -56.6775 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 59.9562, -3.7498, -56.6775 by changing the saturation by 10% instead.

■ 59.9562, -3.7498,
-56.6775

■ 59.9562, -3.7498,
-56.6775

181.3107,
-10.4756, -62.9589

■ 49.3908, -3.1506,
-56.0353

■ 83.0377, -5.0450,
-58.1647

■ 39.5304, -2.5871,
-55.5747

■ 95.4838, -5.7389,
-58.9313

■ 30.4307, -2.0611,
-55.4697

■ 108.4961, -6.4617,
-59.6839

■ 22.1615, -1.5755,
-56.0878

■ 122.0510, -7.2125,
-60.4110

■ 14.8166, -1.1336,
-58.3135

136.1277, -7.9901,
-61.1055

■ 8.4702, -0.7808,
-65.3896

150.7075, -8.7937,

0.0000, NaN, -NF

-61.7632

0.0000, NaN, -NF

165.7736, -9.6224,
-62.3815

0.0000, NaN, -NF

■ 59.9562, -3.7498,
-56.6775

■ 59.9562, -3.7498,
-56.6775

■ 55.8290, 0.2374,
-66.0671

■ 64.4282, -6.6669,
-47.4791

■ 52.0596, 5.2932,
-75.5760

■ 69.2170, -8.5781,
-38.5383

■ 50.2551, 8.1954,
-80.5060

■ 74.2958, -9.5742,
-29.8864

■ 79.6374, -9.7556,
-21.5339

■ 85.2169, -9.2203,
-13.4749

■ 91.0115, -8.0585,
-5.6930

■ 97.0013, -6.3501,
1.8336

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



59.9571, -24.3491, -45.9791



59.9562, -3.7498, -56.6775



59.9571, 20.2610, -46.8830

Triad

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



59.9571, -3.7493, -56.6754



59.9571, 40.9414, 20.5568



59.9571, -36.9813, 21.1595

Complementary

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



59.9562, -3.7498, -56.6775



66.4009, 27.3385, 37.0616

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.



59.9571, -23.5340, 29.7542



59.9562, -3.7498, -56.6775



59.9571, 21.3540, 29.5110

Square

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



59.9571, -3.7493, -56.6754



59.9571, 48.3243, 2.7401



59.9571, -2.6535, 32.1032



59.9571, -41.6521, 3.7825

Rectangle

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



59.9562, -3.7498, -56.6775



59.9571, 34.5614, -31.5895



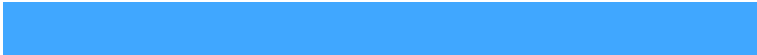
59.9571, -2.6535, 32.1032



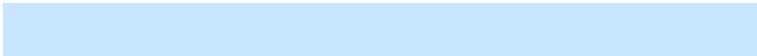
59.9571, -33.4494, 24.8888

Sweetspot

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



59.9571, -3.7493, -56.6754



86.8740, -8.9445, -11.1934



86.4934, -61.8448, 32.4472



39.4739, -4.2583, -6.1665

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



59.9571, -3.7493, -56.6754



53.8601, 2.6880, -70.9102



36.2629, 47.7123, -131.5040



43.5896, -3.3313, -0.7423



36.7410, 5.1518, -57.0442



12.3816, -0.0261, -15.4197

Inverse Universe

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



52.6483, 77.5539, -7.3728



49.1477, 84.8501, -2.6609



93.3853, -20.1532, 54.1099



42.6039, 2.6143, 0.8435



34.7717, 62.3713, 0.5796



10.9513, 19.8289, -1.2532

Previews

White Background



This preview shows how the HunterLab color 59.9562, -3.7498, -56.6775 looks on a white background.

Color Contrast Check

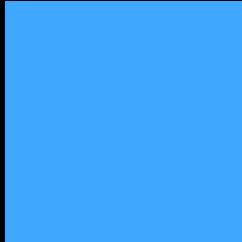
Large Text (above 18pt) WCAG AA × Fail

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 59.9562, -3.7498, -56.6775 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

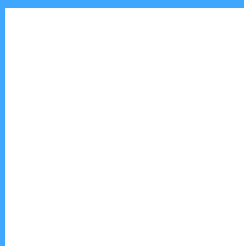
Any Text WCAG AAA ✓ Pass

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

HunterLab 59.9562, -3.7498, -56.6775 Background



This preview shows how black text looks on a background with the HunterLab color 59.9562, -3.7498, -56.6775.



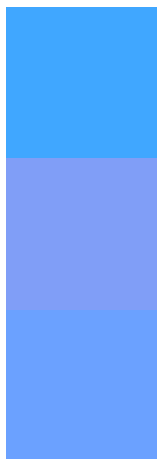
This preview shows how white text looks on a background with the HunterLab color 59.9562, -3.7498, -56.6775.

-56.6775.

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

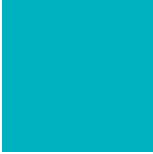
59.9562, -3.7498, -56.6775

Protanopia

59.7983, 8.5380, -50.2509

Deuteranopia

59.8628, 5.1448, -56.7253



Tritanopia

59.7047, -28.4405, -13.2309

Trichromacy



Original Color

59.9562, -3.7498, -56.6775

Protanomaly

59.4938, 3.3747, -53.4138

Deuteranomaly

59.6980, 1.5603, -57.1482

Tritanomaly

59.4647, -20.7485, -27.8224

Monochromacy



Original Color

59.9562, -3.7498, -56.6775

Achromatopsia

53.6135, -2.8607, 2.9129

Achromatomaly

55.1084, -6.9734, -16.1438

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.9562, -3.7498, -56.6775 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(64, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(64, 167, 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(64, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 167, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 59.9562, -3.7498, -56.6775 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(64, 167, 255) }
```


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

```
.border{ border-color:rgb(64, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(64, 167,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.9562, -3.7498, -56.6775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 167, 255) }
```

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

```
.background{ background-color: rgb(64, 167,  
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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