

Converting Colors

HunterLab(56.3366, 1.6745,
-59.5773)

Have a look what the booklet for
HunterLab(56.3366, 1.6745,
-59.5773) contains.

HunterLab(56.3366, 1.6745, -59.5773)	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(56.3366, 1.6745,
-59.5773)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9BF9
RGB	74, 155, 249
RGB Percent	29%, 61%, 98%
CMY	0.7098, 0.3922, 0.0235
CMYK	0.70, 0.38, 0.00, 0.02
HSL	212°, 94%, 63%
HSV	212°, 70%, 98%
XYZ	31.6443, 31.7381, 94.0808
YIQ	141.4970, -78.4500, 12.0620

Conversions

Conversions Part 2

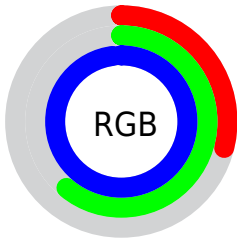
Format	Color
R _Y B	74, 129, 249
Decimal	4889593
CIE Lab	63.13, 5.48, -54.07
CIE LCh	63, 54.345, 275.791
Yxy	31.7391, 0.2010, 0.2016
Android (android.graphics.Color)	4283079673 (0xFF4A9BF9)
YUV	141.4970, 52.9990, -59.1949
Hunter-Lab	56.3366, 1.6745, -59.5773

Details

The HunterLab color **56.3366, 1.6745, -59.5773** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **69.7451, 16.9385, 37.7640**, and the grayscale version is **51.6274, -2.7547, 2.8050**.

A 20% lighter version of the original color is **76.4746, -12.8421, -26.4500**, and **37.2947, 4.4502, -56.2219** is the 20% darker color. If you saturate the color by 10%, you get **51.7013, 6.1536, -70.8123**, and if you desaturate by 10%, it is **61.3450, -1.7075, -48.8504**.

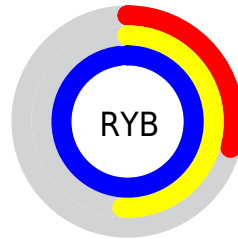
Distribution



Red (29%)

Green (61%)

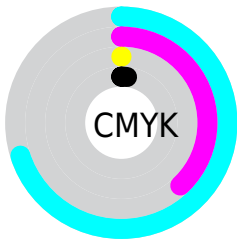
Blue (98%)



Red (29%)

Yellow (51%)

Blue (98%)

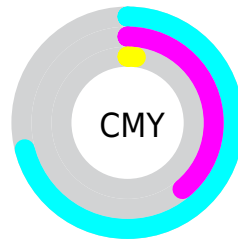


Cyan (70%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3366, 1.6745, -59.5773 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 56.3366, 1.6745, -59.5773 by changing the saturation by 10% instead.

■ 56.3366, 1.6745,
-59.5773

■ 56.3366, 1.6745,
-59.5773

176.0481, -2.6125,
-66.0821

■ 46.0025, 1.9315,
-59.0201

■ 78.9949, 1.0070,
-61.0245

■ 36.3905, 2.1276,
-58.7281

■ 91.2451, 0.6035,
-61.8051

■ 27.5606, 2.2552,
-58.9487

■ 104.0703, 0.1584,
-62.5846

■ 19.5895, 2.3019,
-60.2221

■ 117.4457, -0.3258,
-63.3473

■ 12.5820, 2.2488,
-63.9332

131.3496, -0.8468,
-64.0834

■ 5.8834, 3.7468,
-86.3391

145.7626, -1.4026,

0.0000, NaN, -NF

-64.7869

0.0000, NaN, -NF

160.6673, -1.9917,
-65.4539

0.0000, NaN, -NF

■ 56.3366, 1.6745,
-59.5773

■ 56.3366, 1.6745,
-59.5773

■ 51.7013, 6.1536,
-70.8123

■ 61.3450, -1.7075,
-48.8504

■ 47.4765, 11.7848,
-82.4631

■ 66.6824, -4.1014,
-38.6700

■ 43.7687, 18.2558,
-94.1160

■ 72.3118, -5.6276,
-29.0244

■ 78.1996, -6.4038,
-19.8772

■ 84.3171, -6.5362,
-11.1798

■ 90.6400, -6.1170,
-2.8801

■ 97.1476, -5.2241,
5.0726

■ 99.8096, -6.3797,
8.1515

Harmonies

Analogous

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



56.3375, -20.5474, -52.7204



56.3366, 1.6745, -59.5773



56.3375, 26.2787, -44.8078

Triad

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



56.3375, 1.6753, -59.5759



56.3375, 39.0490, 23.0233



56.3375, -38.9178, 18.1367

Complementary

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



56.3366, 1.6745, -59.5773



69.7451, 16.9385, 37.7640

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.



56.3375, -27.3169, 28.1573



56.3366, 1.6745, -59.5773



56.3375, 16.9778, 30.0495

Square

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



56.3375, 1.6753, -59.5759



56.3375, 50.0342, 7.2780



56.3375, -7.5452, 31.4347



56.3375, -41.6402, -1.4972

Rectangle

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



56.3366, 1.6745, -59.5773



56.3375, 39.9734, -27.2503



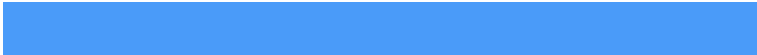
56.3375, -7.5452, 31.4347



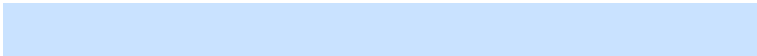
56.3375, -36.0336, 22.4383

Sweetspot

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



56.3375, 1.6753, -59.5759



86.1512, -6.7261, -12.1417



84.8592, -56.5658, 25.6411



39.0454, -3.1168, -6.7443

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.3375, 1.6753, -59.5759



51.4056, 8.3973, -77.2955



36.6571, 47.0865, -121.5464



42.3876, -2.8200, -1.0457



32.4530, 12.4456, -67.4299



10.8862, 1.7849, -17.4598

Inverse Universe

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



52.3504, 70.1211, -1.6363



49.7229, 80.8306, 2.4980



93.4511, -25.7598, 53.0215



41.6640, 2.4005, 1.2191



33.8735, 60.0569, 6.0154



10.4109, 18.6493, 0.3683

Previews

White Background



This preview shows how the HunterLab color 56.3366, 1.6745, -59.5773 looks on a white background.

Color Contrast Check

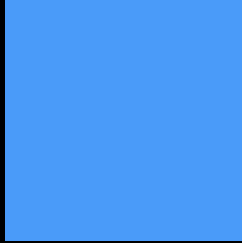
Large Text (above 18pt) WCAG AA × Fail

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 56.3366, 1.6745, -59.5773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

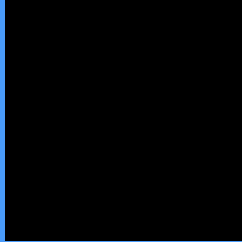
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

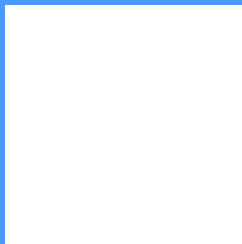
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.3366, 1.6745, -59.5773 Background



This preview shows how black text looks on a background with the HunterLab color 56.3366, 1.6745, -59.5773.

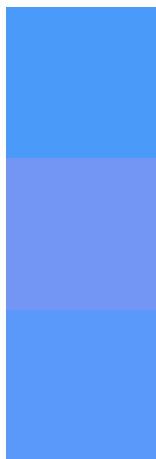


This preview shows how white text looks on a background with the HunterLab color 56.3366, 1.6745, -59.5773.

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

56.3366, 1.6745, -59.5773

Protanopia

56.2235, 9.5383, -54.6072

Deuteranopia

56.4431, 5.1530, -60.1340



Tritanopia

56.3501, -26.9231, -12.3136

Trichromacy



Original Color

56.3366, 1.6745, -59.5773

Protanomaly

56.0670, 6.3191, -56.6932

Deuteranomaly

56.4784, 3.7748, -60.0770

Tritanomaly

55.8929, -18.3938, -27.8226

Monochromacy



Original Color

56.3366, 1.6745, -59.5773

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

52.9014, -4.4758, -16.4762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3366, 1.6745, -59.5773 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(74, 155, 249)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 249)  
}
```

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(74, 155, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3366, 1.6745, -59.5773 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(74, 155, 249) }
```


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

```
.border{ border-color:rgb(74, 155, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 249);  
box-shadow:4px 4px 4px 4px rgb(74, 155,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3366, 1.6745, -59.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 249) }
```

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

```
.background{ background-color: rgb(74, 155,  
249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor