

Converting Colors

HunterLab(54.8178, 1.2995,
-64.9114)

Have a look what the booklet for
HunterLab(54.8178, 1.2995,
-64.9114) contains.

HunterLab(54.8178, 1.2995, -64.9114)	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(54.8178, 1.2995,
-64.9114)**

Conversions

Conversions Part 1

Format	Color
Hex	3098FB
RGB	48, 152, 251
RGB Percent	19%, 60%, 98%
CMY	0.8117, 0.4039, 0.0157
CMYK	0.81, 0.39, 0.00, 0.02
HSL	209°, 96%, 59%
HSV	209°, 81%, 98%
XYZ	29.8598, 30.0499, 95.4932
YIQ	132.1900, -93.7630, 8.7410

Conversions

Conversions Part 2

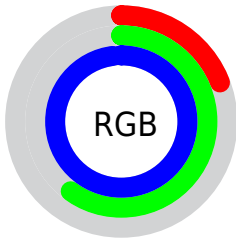
Format	Color
R_{YB}	48, 117, 251
Decimal	3184891
CIE Lab	61.70, 5.00, -57.48
CIE LCh	62, 57.696, 274.972
Yxy	30.0508, 0.1921, 0.1934
Android (android.graphics.Color)	4281374971 (0xFF3098FB)
YUV	132.1900, 58.5733, -73.8346
Hunter-Lab	54.8178, 1.2995, -64.9114

Details

The HunterLab color **54.8178, 1.2995, -64.9114** 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 **64.4953, 27.6040, 37.6523**, and the grayscale version is **47.9157, -2.5567, 2.6034**.

A 20% lighter version of the original color is **74.6476, -14.4699, -29.3995**, and **36.6030, 6.6025, -60.0034** is the 20% darker color. If you saturate the color by 10%, you get **50.8254, 6.2567, -75.0396**, and if you desaturate by 10%, it is **59.1814, -2.5609, -55.0126**.

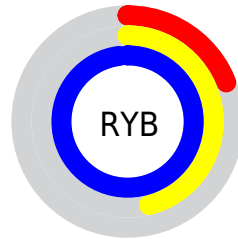
Distribution



Red (19%)

Green (60%)

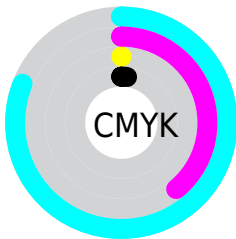
Blue (98%)



Red (19%)

Yellow (46%)

Blue (98%)

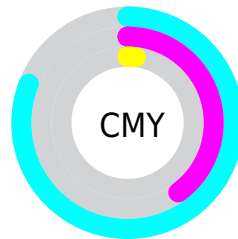


Cyan (81%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (81%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.8178, 1.2995, -64.9114 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 54.8178, 1.2995, -64.9114 by changing the saturation by 10% instead.

■ 54.8178, 1.2995,
-64.9114

■ 54.8178, 1.2995,
-64.9114

173.8221, -3.1212,
-71.6474

■ 44.5838, 1.5744,
-64.4704

■ 77.2933, 0.5989,
-66.2863

■ 35.0796, 1.7890,
-64.3952

■ 89.4592, 0.1797,
-67.0761

■ 26.3672, 1.9358,
-65.0140

■ 102.2038, -0.2807,
-67.8825

■ 18.5264, 2.0025,
-67.0535

■ 115.5020, -0.7796,
-68.6847

■ 11.6677, 1.9698,
-72.4328

129.3316, -1.3149,
-69.4695

■ 4.3357, 4.7940,
-123.7687

143.6730, -1.8847,

0.0000, NaN, -NF

-70.2283

0.0000, NaN, -NF

158.5085, -2.4873,
-70.9554

0.0000, NaN, -NF

■ 54.8178, 1.2995,
-64.9114

■ 54.8178, 1.2995,
-64.9114

■ 50.8254, 6.2567,
-75.0396

■ 59.1814, -2.5609,
-55.0126

■ 47.4925, 11.6316,
-84.4708

■ 63.8869, -5.3670,
-45.4276

■ 68.9040, -7.2038,
-36.2009

■ 74.2019, -8.1755,
-27.3463

■ 79.7519, -8.3876,
-18.8551

■ 85.5285, -7.9383,
-10.7051

■ 91.5093, -6.9152,
-2.8667

■ 97.6750, -5.3941,
4.6919

■ 99.8725, -6.0349,
7.2537

Harmonies

Analogous

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



54.8186, -21.8172, -56.7196



54.8178, 1.2995, -64.9114



54.8186, 27.4332, -49.2638

Triad

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



54.8186, 1.3006, -64.9101



54.8186, 42.2820, 23.2550



54.8186, -40.0369, 19.0178

Complementary

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



54.8178, 1.2995, -64.9114



64.4953, 27.6040, 37.6523

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.



54.8186, -27.8481, 28.7847



54.8178, 1.2995, -64.9114



54.8186, 18.9256, 30.3502

Square

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



54.8186, 1.3006, -64.9101



54.8186, 53.6474, 6.8008



54.8186, -7.0320, 31.7871



54.8186, -43.0660, -1.1288

Rectangle

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



54.8178, 1.2995, -64.9114



54.8186, 42.2470, -30.2838



54.8186, -7.0320, 31.7871



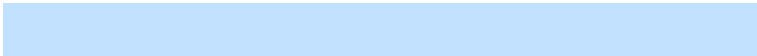
54.8186, -36.9973, 23.2758

Sweetspot

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



54.8186, 1.3006, -64.9101



85.2027, -8.2935, -13.4784



84.6776, -61.9362, 32.0164



38.4480, -3.9136, -7.6041

0.0000, NaN, NaN



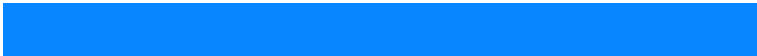
46.2646, -2.4686, 2.5136

Same Dimension

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



54.8186, 1.3006, -64.9101



49.4160, 10.0426, -82.8860



31.6180, 56.6424, -150.6704



42.5599, -3.1035, -0.8347



34.8552, 7.6101, -59.9940



11.5650, 0.5501, -15.6428

Inverse Universe

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



49.8918, 79.0876, -3.1744



48.1221, 85.1213, 3.1916



93.6071, -23.1441, 55.5026



41.6817, 2.4957, 0.9667



34.1135, 60.9321, 2.5733



10.4845, 18.9163, -0.6770

Previews

White Background



This preview shows how the HunterLab color 54.8178, 1.2995, -64.9114 looks on a white background.

Color Contrast Check

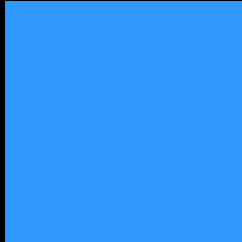
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.8178, 1.2995, -64.9114 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

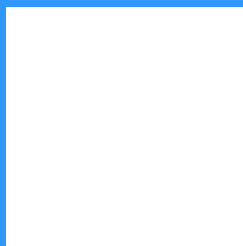
Any Text WCAG AAA ✓ Pass

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

HunterLab 54.8178, 1.2995, -64.9114 Background



This preview shows how black text looks on a background with the HunterLab color 54.8178, 1.2995, -64.9114.



This preview shows how white text looks on a background with the HunterLab color 54.8178, 1.2995, -64.9114.

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

54.8178, 1.2995, -64.9114

Protanopia

54.6884, 10.4320, -58.9081

Deuteranopia

54.6817, 5.4711, -66.0664



Tritanopia

54.4844, -26.1815, -11.5824

Trichromacy



Original Color

54.8178, 1.2995, -64.9114

Protanomaly

54.6568, 6.2974, -61.6655

Deuteranomaly

54.6788, 3.9678, -66.0998

Tritanomaly

54.3807, -17.7620, -28.4024

Monochromacy



Original Color

54.8178, 1.2995, -64.9114

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

49.3225, -5.4748, -18.4572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.8178, 1.2995, -64.9114 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(48, 152, 251)` looks like.

```
.text, #text, p{  
    color:rgb(48, 152, 251)  
}
```

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(48, 152, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 152, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 54.8178, 1.2995, -64.9114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

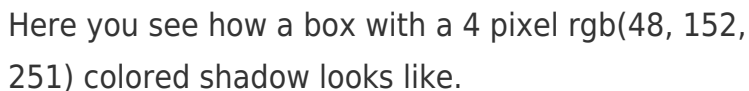
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(48, 152, 251) }
```


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

```
.border{ border-color:rgb(48, 152, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(48, 152, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 152, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 152, 251);  
box-shadow:4px 4px 4px 4px rgb(48, 152,  
251) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.8178, 1.2995, -64.9114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 152, 251) }
```

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

```
.background{ background-color: rgb(48, 152,  
251) }
```

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