

Converting Colors

HunterLab(53.0733, -1.1179,
-54.2895)

Have a look what the booklet for
HunterLab(53.0733, -1.1179,
-54.2895) contains.

HunterLab(52.9624, -0.8605, -54.5219)	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(52.9624, -0.8605,
-54.5219)**

Conversions

Conversions Part 1

Format	Color
Hex	3B94EA
RGB	59, 148, 234
RGB Percent	23%, 58%, 92%
CMY	0.7686, 0.4196, 0.0823
CMYK	0.75, 0.37, 0.00, 0.08
HSL	209°, 81%, 57%
HSV	209°, 75%, 92%
XYZ	27.2448, 28.0502, 81.8202
YIQ	131.1930, -80.6500, 7.8780

Conversions

Conversions Part 2

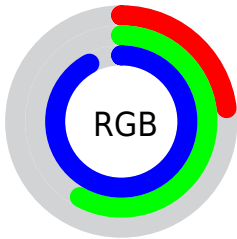
Format	Color
R_{YB}	59, 118, 234
Decimal	3904746
CIE _{Lab}	59.93, 2.37, -50.91
CIE _{LCh}	60, 50.963, 272.670
Yxy	28.0511, 0.1987, 0.2046
Android (android.graphics.Color)	4282094826 (0xFF3B94EA)
YUV	131.1930, 50.6839, -63.3133
Hunter-Lab	52.9624, -0.8605, -54.5219

Details

The HunterLab color **52.9624, -0.8605, -54.5219** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **61.6952, 21.7929, 34.4198**, and the grayscale version is **47.5483, -2.5371, 2.5834**.

A 20% lighter version of the original color is **73.5189, -11.9402, -31.2044**, and **34.5684, 3.5534, -50.8782** is the 20% darker color. If you saturate the color by 10%, you get **49.0495, 3.1065, -63.8159**, and if you desaturate by 10%, it is **57.2033, -3.8346, -45.5009**.

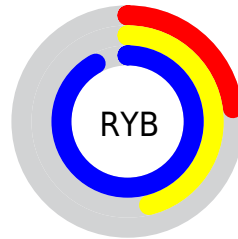
Distribution



Red (23%)

Green (58%)

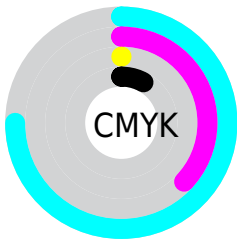
Blue (92%)



Red (23%)

Yellow (46%)

Blue (92%)

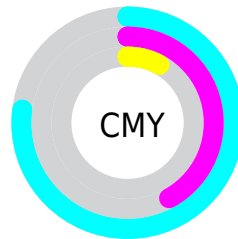


Cyan (75%)

Magenta (37%)

Yellow (0%)

Black (8%)



Cyan (77%)

Magenta (42%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9624, -0.8605, -54.5219 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 52.9624, -0.8605, -54.5219 by changing the saturation by 10% instead.

■ 52.9624, -0.8605,
-54.5219

■ 52.9624, -0.8605,
-54.5219

■ 171.0879, -6.2385,
-60.7604

■ 42.8534, -0.4519,
-53.9608

■ 75.2103, -1.8071,
-55.9500

■ 33.4839, -0.0940,
-53.6584

■ 87.2713, -2.3402,
-56.7091

■ 24.9188, 0.2078,
-53.8771

■ 99.9157, -2.9096,
-57.4607

■ 17.2420, 0.4446,
-55.2180

■ 113.1180, -3.5132,
-58.1906

■ 10.5715, 0.6023,
-59.3417

■ 126.8555, -4.1493,
-58.8898

0.0000, INF, -NF

0.0000, NaN, -NF

141.1079, -4.8164,

-59.5531

0.0000, NaN, -NF

155.8575, -5.5132,
-60.1772

0.0000, NaN, NaN

■ 52.9624, -0.8605,
-54.5219

■ 52.9624, -0.8605,
-54.5219

■ 49.0495, 3.1065,
-63.8159

■ 57.2033, -3.8346,
-45.5009

■ 45.4838, 8.0751,
-73.3026

■ 61.7413, -5.8864,
-36.8105

■ 43.7425, 10.9742,
-78.3645

■ 66.5480, -7.1078,
-28.4707

■ 71.5960, -7.5969,
-20.4788

■ 76.8607, -7.4471,
-12.8166

■ 82.3203, -6.7428,
-5.4576

■ 87.9561, -5.5576,
1.6282

■ 93.7518, -3.9549,
8.4714

■ 98.2393, -7.0342,
13.4314

Harmonies

Analogous

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



52.9632, -20.7549, -46.2682



52.9624, -0.8605, -54.5219



52.9632, 21.7857, -42.9452

Triad

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



52.9632, -0.8597, -54.5207



52.9632, 37.3377, 20.2243



52.9632, -35.1968, 18.1337

Complementary

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



52.9624, -0.8605, -54.5219



61.6952, 21.7929, 34.4198

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.



52.9632, -23.6348, 26.6835



52.9624, -0.8605, -54.5219



52.9632, 17.8525, 27.5017

Square

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



52.9632, -0.8597, -54.5207



52.9632, 45.9583, 4.7091



52.9632, -4.7696, 29.2691



52.9632, -38.5734, 0.9894

Rectangle

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



52.9624, -0.8605, -54.5219



52.9632, 34.8490, -27.4951



52.9632, -4.7696, 29.2691



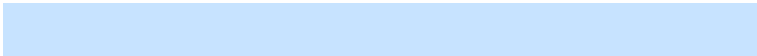
52.9632, -32.2424, 21.8300

Sweetspot

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



52.9632, -0.8597, -54.5207



86.3259, -8.0584, -11.9255



78.5986, -55.2676, 27.6845



39.1892, -3.7993, -6.5547

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.9632, -0.8597, -54.5207



51.8090, 6.3816, -76.2325



32.1066, 45.9690, -123.1602



39.7685, -2.8762, -0.7742



33.1737, 7.4783, -57.6077



10.2796, 0.2889, -13.4722

Inverse Universe

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



47.7074, 69.3247, -4.2091



48.9246, 84.0239, 0.5046



86.6069, -21.0546, 50.1644



38.9640, 2.2948, 0.9296



32.5634, 58.1425, 2.6179



9.2309, 16.6771, -0.7710

Previews

White Background



This preview shows how the HunterLab color 52.9624, -0.8605, -54.5219 looks on a white background.

Color Contrast Check

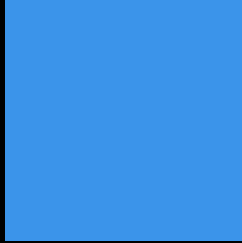
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9624, -0.8605, -54.5219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

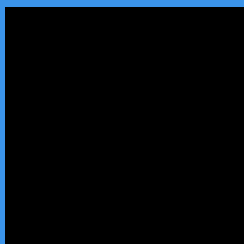
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

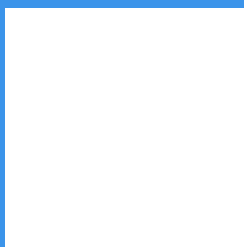
Any Text WCAG AAA × Fail

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

HunterLab 52.9624, -0.8605, -54.5219 Background



This preview shows how black text looks on a background with the HunterLab color 52.9624, -0.8605, -54.5219.



This preview shows how white text looks on a background with the HunterLab color 52.9624, -0.8605, -54.5219.

-54.5219.

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

52.9624, -0.8605, -54.5219

Protanopia

52.8917, 8.5004, -48.7239

Deuteranopia

52.8423, 4.8332, -55.5417



Tritanopia

52.7018, -25.0152, -11.8721

Trichromacy



Original Color

52.9624, -0.8605, -54.5219

Protanomaly

52.8536, 4.3315, -51.3357

Deuteranomaly

52.7119, 2.9144, -55.8738

Tritanomaly

52.4807, -17.4187, -26.2952

Monochromacy



Original Color

52.9624, -0.8605, -54.5219

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.7050, -5.1945, -15.1761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.9624, -0.8605, -54.5219 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(59, 148, 234)` looks like.

```
.text, #text, p{  
    color:rgb(59, 148, 234)  
}
```

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(59, 148, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 148, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 52.9624, -0.8605, -54.5219 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(59, 148, 234) }
```


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

```
.border{ border-color:rgb(59, 148, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 148, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 148, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 148, 234);  
box-shadow:4px 4px 4px 4px rgb(59, 148,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.9624, -0.8605, -54.5219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 148, 234) }
```

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

```
.background{ background-color: rgb(59, 148,  
234) }
```

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