

Converting Colors

HunterLab(53.4578, 0.6000,
-54.2239)

Have a look what the booklet for
HunterLab(53.4578, 0.6000,
-54.2239) contains.

HunterLab(53.4018, 0.7536, -54.3444)	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(53.4018, 0.7536,
-54.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	4794EB
RGB	71, 148, 235
RGB Percent	28%, 58%, 92%
CMY	0.7215, 0.4196, 0.0784
CMYK	0.70, 0.37, 0.00, 0.08
HSL	212°, 80%, 60%
HSV	212°, 70%, 92%
XYZ	28.1838, 28.5175, 82.6162
YIQ	134.8950, -73.8190, 10.7330

Conversions

Conversions Part 2

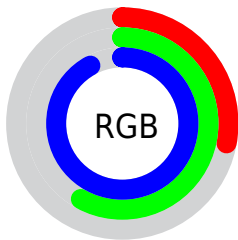
Format	Color
R_{YB}	71, 123, 235
Decimal	4691179
CIE _{Lab}	60.35, 4.31, -50.77
CIE _{LCh}	60, 50.955, 274.853
Yxy	28.5184, 0.2023, 0.2047
Android (android.graphics.Color)	4282881259 (0xFF4794EB)
YUV	134.8950, 49.3518, -56.0359
Hunter-Lab	53.4018, 0.7536, -54.3444

Details

The HunterLab color **53.4018, 0.7536, -54.3444** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **65.2491, 16.1070, 35.0698**, and the grayscale version is **49.0137, -2.6152, 2.6630**.

A 20% lighter version of the original color is **73.9563, -10.3759, -30.4562**, and **34.6266, 3.8633, -51.6200** is the 20% darker color. If you saturate the color by 10%, you get **49.0838, 4.7655, -64.6125**, and if you desaturate by 10%, it is **58.0598, -2.2506, -44.5265**.

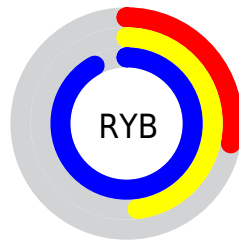
Distribution



Red (28%)

Green (58%)

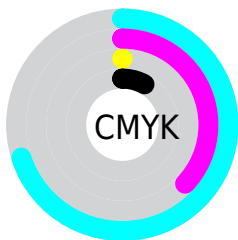
Blue (92%)



Red (28%)

Yellow (48%)

Blue (92%)

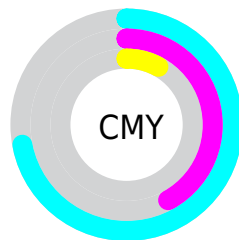


Cyan (70%)

Magenta (37%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (42%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.4018, 0.7536, -54.3444 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 53.4018, 0.7536, -54.3444 by changing the saturation by 10% instead.

■ 53.4018, 0.7536,
-54.3444

■ 53.4018, 0.7536,
-54.3444

171.7370, -3.8866,
-60.5663

■ 43.2630, 1.0581,
-53.7735

■ 75.7041, -0.0029,
-55.7778

■ 33.8613, 1.3043,
-53.4511

■ 87.7901, -0.4480,
-56.5360

■ 25.2608, 1.4847,
-53.6297

■ 100.4584, -0.9333,
-57.2855

■ 17.5447, 1.5874,
-54.8834

■ 113.6836, -1.4563,
-58.0124

■ 10.8290, 1.5934,
-58.7833

127.4430, -2.0148,
-58.7081

■ 1.9804, 9.3784,
-199.2809

141.7167, -2.6070,

0.0000, NaN, -NF

-59.3675

0.0000, NaN, -NF

156.4868, -3.2314,
-59.9875

0.0000, NaN, NaN

■ 53.4018, 0.7536,
-54.3444

■ 53.4018, 0.7536,
-54.3444

■ 49.0838, 4.7655,
-64.6125

■ 58.0598, -2.2506,
-44.5265

■ 45.1388, 9.8393,
-75.2521

■ 63.0182, -4.3476,
-35.1924

■ 41.5731, 15.8796,
-86.1980

■ 68.2441, -5.6469,
-26.3325

■ 41.4985, 16.0159,
-86.4433

■ 73.7072, -6.2554,
-17.9156

■ 79.3816, -6.2698,
-9.8998

■ 85.2454, -5.7739,
-2.2398

■ 91.2796, -4.8388,
5.1087

■ 97.0734, -4.8951,
11.7249

■ 99.3872, -8.7032,
14.2016

Harmonies

Analogous

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



53.4027, -19.5844, -47.5102



53.4018, 0.7536, -54.3444



53.4027, 23.3869, -41.4837

Triad

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



53.4027, 0.7543, -54.3431



53.4027, 36.2551, 21.0966



53.4027, -35.8566, 17.2737

Complementary

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



53.4018, 0.7536, -54.3444



65.2491, 16.1070, 35.0698

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.



53.4027, -24.8360, 26.4282



53.4018, 0.7536, -54.3444



53.4027, 16.2330, 27.9305

Square

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



53.4027, 0.7543, -54.3431



53.4027, 45.8807, 6.1835



53.4027, -6.3657, 29.3890



53.4027, -38.6477, -0.5916

Rectangle

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



53.4018, 0.7536, -54.3444



53.4027, 36.0973, -25.6554



53.4027, -6.3657, 29.3890



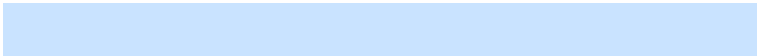
53.4027, -33.0896, 21.1988

Sweetspot

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



53.4027, 0.7543, -54.3431



86.2639, -6.9105, -11.9904



79.4661, -53.0649, 24.6572



39.1043, -3.2130, -6.6634

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.4027, 0.7543, -54.3431



51.8117, 7.6378, -76.2033



34.5712, 43.0429, -112.7398



39.6422, -2.6683, -0.9288



31.3612, 11.1086, -63.1791



9.8155, 1.1173, -14.6804

Inverse Universe

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



49.3034, 65.2724, -2.1694



49.7655, 80.9922, 1.8917



87.7911, -23.0766, 49.6653



38.9510, 2.2250, 1.1147



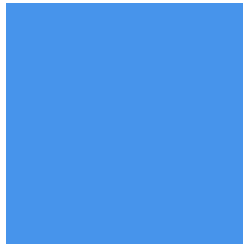
32.3816, 57.4799, 5.2236



9.1797, 16.4918, -0.0466

Previews

White Background



This preview shows how the HunterLab color 53.4018, 0.7536, -54.3444 looks on a white background.

Color Contrast Check

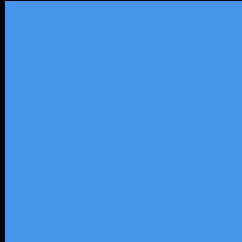
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.4018, 0.7536, -54.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

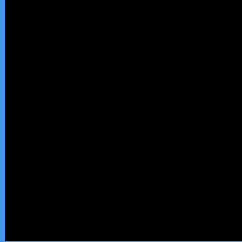
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

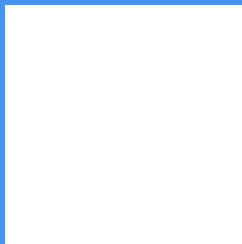
Any Text WCAG AAA × Fail

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

HunterLab 53.4018, 0.7536, -54.3444 Background



This preview shows how black text looks on a background with the HunterLab color 53.4018, 0.7536, -54.3444.



This preview shows how white text looks on a background with the HunterLab color 53.4018, 0.7536, -54.3444.

-54.3444.

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

53.4018, 0.7536, -54.3444

Protanopia

53.2754, 8.5280, -49.5203

Deuteranopia

53.3205, 5.0625, -55.2968



Tritanopia

53.4886, -25.1597, -11.8687

Trichromacy



Original Color

53.4018, 0.7536, -54.3444

Protanomaly

53.1063, 5.2807, -51.5879

Deuteranomaly

53.2989, 3.5103, -55.3730

Tritanomaly

52.9807, -17.0857, -26.0965

Monochromacy



Original Color

53.4018, 0.7536, -54.3444

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

50.1410, -4.4050, -14.7386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.4018, 0.7536, -54.3444 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(71, 148, 235)` looks like.

```
.text, #text, p{  
    color:rgb(71, 148, 235)  
}
```

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(71, 148, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 148, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 53.4018, 0.7536, -54.3444 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(71, 148, 235) }
```


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

```
.border{ border-color:rgb(71, 148, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 148, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 148, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 148, 235);  
box-shadow:4px 4px 4px 4px rgb(71, 148,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.4018, 0.7536, -54.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 148, 235) }
```

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

```
.background{ background-color: rgb(71, 148,  
235) }
```

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