

Converting Colors

HunterLab(39.8924, 8.0748,
-54.6815)

Have a look what the booklet for
HunterLab(39.8924, 8.0748,
-54.6815) contains.

HunterLab(39.8924, 8.0748, -54.6815)	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(39.8924, 8.0748,
-54.6815)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6DC6
RGB	58, 109, 198
RGB Percent	23%, 43%, 78%
CMY	0.7725, 0.5725, 0.2235
CMYK	0.71, 0.45, 0.00, 0.22
HSL	218°, 55%, 50%
HSV	218°, 71%, 78%
XYZ	17.4066, 15.9140, 55.5803
YIQ	103.8970, -58.9650, 16.8670

Conversions

Conversions Part 2

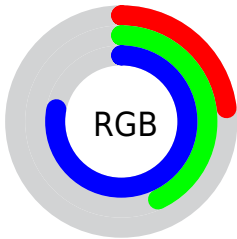
Format	Color
R_{YB}	58, 95, 198
Decimal	3829190
CIE _{Lab}	46.86, 12.99, -51.46
CIE _{LCh}	47, 53.070, 284.165
Yxy	15.9145, 0.1958, 0.1790
Android (android.graphics.Color)	4282019270 (0xFF3A6DC6)
YUV	103.8970, 46.3928, -40.2517
Hunter-Lab	39.8924, 8.0748, -54.6815

Details

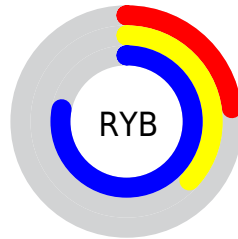
The HunterLab color **39.8924, 8.0748, -54.6815** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **57.6035, 6.0640, 31.4797**, and the grayscale version is **37.0148, -1.9750, 2.0111**.

A 20% lighter version of the original color is **60.3544, 8.2623, -55.6045**, and **23.2990, 10.4084, -51.5904** is the 20% darker color. If you saturate the color by 10%, you get **35.9647, 12.6057, -65.6948**, and if you desaturate by 10%, it is **44.1669, 4.4611, -44.4264**.

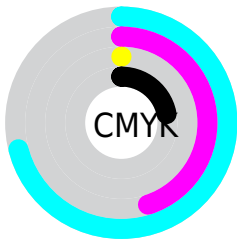
Distribution



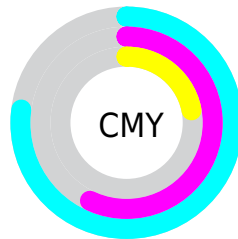
- Red (23%)
- Green (43%)
- Blue (78%)



- Red (23%)
- Yellow (37%)
- Blue (78%)



- Cyan (71%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.8924, 8.0748, -54.6815 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 39.8924, 8.0748, -54.6815 by changing the saturation by 10% instead.

■ 39.8924, 8.0748,
-54.6815

■ 39.8924, 8.0748,
-54.6815

151.2735, 7.3981,
-60.8604

■ 30.7631, 7.8001,
-54.5274

■ 60.3736, 8.3605,
-55.8169

■ 22.4607, 7.4149,
-55.0515

■ 71.6261, 8.3913,
-56.5472

■ 15.0785, 6.8963,
-57.0783

■ 83.5019, 8.3579,
-57.3073

■ 8.7160, 6.3514,
-63.3786

■ 95.9700, 8.2661,
-58.0683

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.0034, 8.1206,
-58.8130

0.0000, NaN, -NF

122.5787, 7.9253,

0.0000, NaN, NaN

-59.5305

0.0000, NaN, NaN

136.6749, 7.6835,
-60.2143

■ 39.8924, 8.0748,
-54.6815

■ 39.8924, 8.0748,
-54.6815

■ 35.9647, 12.6057,
-65.6948

■ 44.1669, 4.4611,
-44.4264

■ 32.4397, 18.1035,
-77.3413

■ 48.7353, 1.6555,
-34.9376

■ 29.5427, 23.9375,
-88.5999

■ 53.5555, -0.4599,
-26.1546

■ 58.5927, -1.9955,
-17.9927

■ 63.8190, -3.0467,
-10.3633

■ 69.2119, -3.6931,
-3.1840

■ 74.7531, -3.9995,
3.6176

■ 80.4275, -4.0187,
10.1035

■ 86.2229, -3.7934,
16.3258

Harmonies

Analogous

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



39.8930, -12.4126, -54.0616



39.8924, 8.0748, -54.6815



39.8930, 29.5309, -35.6141

Triad

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



39.8930, 8.0756, -54.6804



39.8930, 30.5927, 20.5600



39.8930, -33.6342, 11.1764

Complementary

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



39.8924, 8.0748, -54.6815



57.6035, 6.0640, 31.4797

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.



39.8930, -26.2300, 20.8931



39.8924, 8.0748, -54.6815



39.8930, 9.3110, 24.1143

Square

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



39.8930, 8.0756, -54.6804



39.8930, 44.2155, 10.3646



39.8930, -11.4041, 24.1935



39.8930, -33.8314, -8.2404

Rectangle

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



39.8924, 8.0748, -54.6815



39.8930, 40.3447, -18.0824



39.8930, -11.4041, 24.1935



39.8930, -31.9859, 15.3898

Sweetspot

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



39.8930, 8.0756, -54.6804



84.4922, -3.9851, -14.3943



65.8669, -41.6082, 15.1329



38.1791, -1.6850, -7.9508

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.8930, 8.0756, -54.6804



45.1733, 20.6943, -95.9748



29.4424, 37.8458, -88.7832



33.0295, -1.7719, -1.0710



24.1359, 18.5227, -70.1529



6.4303, 1.4563, -11.1810

Inverse Universe

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



40.1709, 52.1763, 4.3123



48.9401, 79.0815, 11.0773



70.9350, -24.4214, 39.9354



32.7105, 1.6422, 1.3602



28.5098, 49.9477, 9.7106



6.3147, 11.2745, 0.5122

Previews

White Background



This preview shows how the HunterLab color 39.8924, 8.0748, -54.6815 looks on a white 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

Black Background



This preview shows how the HunterLab color 39.8924, 8.0748, -54.6815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

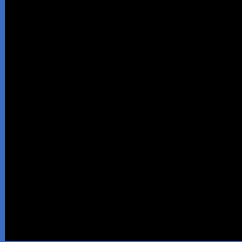
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.8924, 8.0748, -54.6815 Background



This preview shows how black text looks on a background with the HunterLab color 39.8924, 8.0748, -54.6815.



This preview shows how white text looks on a background with the HunterLab color 39.8924, 8.0748, -54.6815.

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

39.8924, 8.0748, -54.6815

Protanopia

40.0269, 9.7549, -53.4095

Deuteranopia

39.8153, 3.5080, -54.0652



Tritanopia

39.7893, -19.1720, -8.3463

Trichromacy



Original Color

39.8924, 8.0748, -54.6815

Protanomaly

39.8499, 9.1906, -53.8760

Deuteranomaly

39.7645, 4.7569, -54.1751

Tritanomaly

39.3911, -10.9839, -23.2608

Monochromacy



Original Color

39.8924, 8.0748, -54.6815

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.6421, -1.0409, -14.6962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.8924, 8.0748, -54.6815 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(58, 109, 198)` looks like.

```
.text, #text, p{  
    color:rgb(58, 109, 198)  
}
```

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(58, 109, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 109, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 39.8924, 8.0748, -54.6815 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(58, 109, 198) }
```


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

```
.border{ border-color:rgb(58, 109, 198) }
```

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

Here you see how a box with a 4 pixel rgb(58, 109, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 109, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 109, 198);  
box-shadow:4px 4px 4px 4px rgb(58, 109,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.8924, 8.0748, -54.6815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 109, 198) }
```

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

```
.background{ background-color: rgb(58, 109,  
198) }
```

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