

Converting Colors

HunterLab(59.3846, -29.5923,
12.0680)

Have a look what the booklet for
HunterLab(59.3846, -29.5923,
12.0680) contains.

HunterLab(59.3846, -29.5923, 12.0680)	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(59.3846,
-29.5923, 12.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB08A
RGB	94, 176, 138
RGB Percent	37%, 69%, 54%
CMY	0.6314, 0.3098, 0.4588
CMYK	0.47, 0.00, 0.22, 0.31
HSL	152°, 34%, 53%
HSV	152°, 47%, 69%
XYZ	24.7289, 35.2653, 29.5483
YIQ	147.1500, -36.6740, -29.2020

Conversions

Conversions Part 2

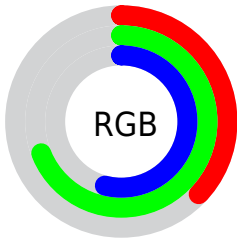
Format	Color
RYB	94, 147, 176
Decimal	6205578
CIELab	65.96, -34.06, 11.82
CIElCh	66, 36.049, 160.865
Yxy	35.2667, 0.2762, 0.3938
Android (android.graphics.Color)	4284395658 (0xFF5EB08A)
YUV	147.1500, -4.5110, -46.6126
Hunter-Lab	59.3846, -29.5923, 12.0680

Details

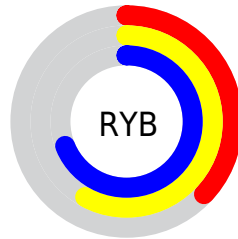
The HunterLab color **59.3846, -29.5923, 12.0680** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **43.4768, 30.9629, -2.4392**, and the grayscale version is **54.1054, -2.8869, 2.9397**.

A 20% lighter version of the original color is **82.3798, -34.4058, 14.6848**, and **39.0929, -24.3789, 9.6597** is the 20% darker color. If you saturate the color by 10%, you get **58.4914, -33.5211, 14.1031**, and if you desaturate by 10%, it is **60.4573, -25.0254, 10.0831**.

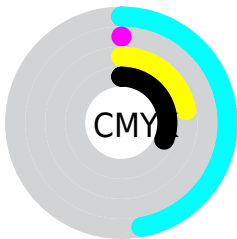
Distribution



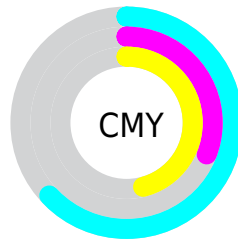
- Red (37%)
- Green (69%)
- Blue (54%)



- Red (37%)
- Yellow (58%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3846, -29.5923, 12.0680 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 59.3846, -29.5923, 12.0680 by changing the saturation by 10% instead.

■ 59.3846, -29.5923,
12.0680

■ 59.3846, -29.5923,
12.0680

180.4838,
-49.9397, 23.2080

■ 48.8553, -27.0256,
10.8403

■ 82.4007, -34.4493,
14.5079

■ 39.0334, -24.3274,
9.5962

■ 94.8163, -36.7757,
15.7283

■ 29.9753, -21.4532,
8.3238

■ 107.7995,
-39.0516, 16.9535

■ 21.7521, -18.3315,
7.0027

■ 121.3265,
-41.2862, 18.1854

■ 14.4590, -14.8401,
5.5968

135.3763,
-43.4869, 19.4258

■ 8.1200, -14.2100,
5.6840

149.9302,

0.0000, NaN, NaN

-45.6596, 20.6757

0.0000, NaN, NaN

164.9711,
-47.8093, 21.9362

0.0000, NaN, NaN

■ 59.3846, -29.5923,
12.0680

■ 59.3846, -29.5923,
12.0680

■ 58.4914, -33.5211,
14.1031

■ 60.4573, -25.0254,
10.0831

■ 57.7695, -36.7920,
16.1599

■ 61.7078, -19.8520,
8.1704

■ 57.2117, -39.4081,
18.2101


■ 63.1365, -14.1184,
6.3508


■ 56.8057, -41.3959,
20.2238


■ 64.7406, -7.8780,
4.6409


■ 56.5312, -42.8233,
22.1672


■ 66.5157, -1.1883,
3.0530

 56.4517, -43.2467,
22.7975

 68.4559, 5.8923,
1.5955

 70.5546, 13.3073,
0.2734

 72.8044, 21.0037,
-0.9117

 75.1976, 28.9335,
-1.9608

Harmonies

Analogous

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



59.3858, -22.0353, 21.4164



59.3846, -29.5923, 12.0680



59.3858, -30.5291, -2.5684

Triad

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



59.3858, -29.5930, 12.0686



59.3858, 2.7547, -33.4054



59.3858, 22.0008, 19.4039

Complementary

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



59.3846, -29.5923, 12.0680



43.4768, 30.9629, -2.4392

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.



59.3858, 30.2568, 8.5016



59.3846, -29.5923, 12.0680



59.3858, 18.3864, -23.5135

Square

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



59.3858, -29.5930, 12.0686



59.3858, -12.9481, -31.7057



59.3858, 28.8680, -7.2122



59.3858, 7.2808, 24.8085

Rectangle

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



59.3846, -29.5923, 12.0680



59.3858, -27.3966, -13.8762



59.3858, 28.8680, -7.2122



59.3858, 25.6912, 16.4011

Sweetspot

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



59.3858, -29.5930, 12.0686



85.5116, -17.1004, 7.9986



60.6526, -26.3743, 26.5599



39.6043, -8.7627, 3.9555



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



59.3858, -29.5930, 12.0686



78.7282, -45.3311, 19.1002



59.5863, -22.0498, -4.5410



30.9254, -4.6351, 2.4524



48.3664, -36.9669, 19.3471



8.6469, -6.1410, 2.4487

Inverse Universe

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



43.4768, 30.9629, -2.4392



53.4798, 51.6580, -3.2877



43.0572, 24.8749, 12.3844



29.2722, 1.5497, 0.8834



26.8812, 47.7227, 4.2867



4.8907, 8.9090, -0.9765

Previews

White Background



This preview shows how the HunterLab color 59.3846, -29.5923, 12.0680 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 59.3846, -29.5923, 12.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

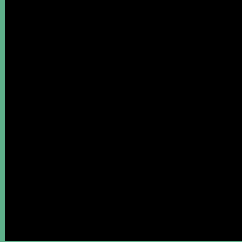
Any Text WCAG AA ✓ Pass

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 59.3846, -29.5923, 12.0680 Background



This preview shows how black text looks on a background with the HunterLab color 59.3846, -29.5923, 12.0680.



This preview shows how white text looks on a background with the HunterLab color 59.3846,

-29.5923, 12.0680.

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

59.3846, -29.5923, 12.0680

Protanopia

59.0280, -4.1435, 15.0874

Deuteranopia

59.0916, 4.0361, 10.4087



Tritanopia

59.3922, -16.8676, -8.9675

Trichromacy



Original Color

59.3846, -29.5923, 12.0680



Protanomaly

58.6127, -14.7300, 13.4123



Deuteranomaly

58.4408, -10.2662, 10.2658



Tritanomaly

59.2620, -21.7595, -0.4405

Monochromacy



Original Color

59.3846, -29.5923, 12.0680



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

55.7284, -13.7237, 6.0275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.3846, -29.5923, 12.0680 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(94, 176, 138)` looks like.

```
.text, #text, p{  
    color:rgb(94, 176, 138)  
}
```

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(94, 176, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 176, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 59.3846, -29.5923, 12.0680 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(94, 176, 138) }
```


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

```
.border{ border-color:rgb(94, 176, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 176, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 176, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 176, 138);  
box-shadow:4px 4px 4px 4px rgb(94, 176,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.3846, -29.5923, 12.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 176, 138) }
```

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

```
.background{ background-color: rgb(94, 176,  
138) }
```

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