

Converting Colors

Decimal(5811516)

Have a look what the booklet for
Decimal(5811516) contains.

Decimal(5811516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5811516)

Conversions

Conversions Part 1

Format	Color
Hex	58AD3C
RGB	88, 173, 60
RGB Percent	35%, 68%, 24%
CMY	0.6549, 0.3216, 0.7647
CMYK	0.49, 0.00, 0.65, 0.32
HSL	105°, 48%, 46%
HSV	105°, 65%, 68%
XYZ	19.7837, 32.2881, 9.4645
YIQ	134.7030, -14.3870, -53.1630

Conversions

Conversions Part 2

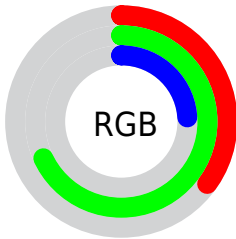
Format	Color
RYB	60, 173, 145
Decimal	5811516
CIELab	63.58, -46.70, 48.61
CIELCh	64, 67.409, 133.850
Yxy	32.2881, 0.3215, 0.5247
Android (android.graphics.Color)	4284001596 (0xFF58AD3C)
YUV	134.7030, -36.8286, -40.9585
Hunter-Lab	56.8226, -37.2920, 29.9004

Details

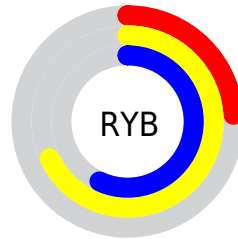
The Decimal color **5811516** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9518253**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **9495920**, and **1669120** is the 20% darker color. If you saturate the color by 10%, you get **4959531**, and if you desaturate by 10%, it is **6663501**.

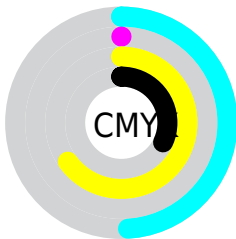
Distribution



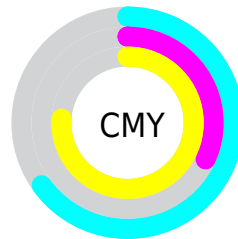
- Red (35%)
- Green (68%)
- Blue (24%)



- Red (24%)
- Yellow (68%)
- Blue (57%)



- Cyan (49%)
- Magenta (0%)
- Yellow (65%)
- Black (32%)























- Cyan (65%)
- Magenta (32%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5811516 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 Decimal color 5811516 by changing the saturation by 10% instead.

 5811516	 5811516
 16777215	 3904033
 9495920	 1669120
 11403147	 24064
 13303718	 17920
 15204290	 12032
 16777183	 5376
 16777212	 0
 5811516	 5811516
 4959531	 6663501

■ 4107545

■ 7515487

■ 3255560

■ 8367472

■ 2862336

■ 9219457

■ 10071443

■ 10923428

■ 11775413

■ 12627398

■ 13479384

Harmonies

Analogous

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



10330119



5811516



46198

Triad

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



5811516



43775



16736129

Complementary

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



5811516



9518253

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.



16082109



5811516



5281791

Square

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



5811516



46060



12615153



16216649

Rectangle

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



5811516



46752



12615153



16735637

Sweetspot

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



5811516



12574900



11374908



6058069



15790320



7368816

Same Dimension

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



5811516



6152241



3976536



5265230



2463232



399104

Inverse Universe

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



9518253



11874784



11353233



5590615



7405718



1114135

Previews

White Background



This preview shows how the Decimal color 5811516 looks on a white background.

Color Contrast Check

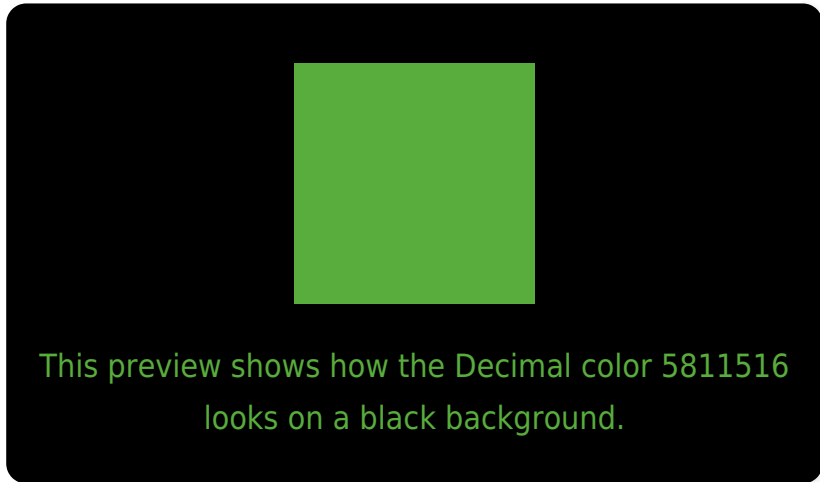
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Decimal 5811516 Background



This preview shows how black text looks on a background with the Decimal color 5811516.



This preview shows how white text looks on a background with the Decimal color 5811516.

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
5811516

Protanopia
11245879

Deuteranopia
12423749



Tritanopia
7185071

Trichromacy



Original Color
5811516



Protanomaly
9281593



Deuteranomaly
10001474



Tritanomaly
6661765

Monochromacy



Original Color
5811516



Achromatopsia
8882055



Achromatomaly
7771500

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5811516 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 #58AD3C looks like.

```
.text, #text, p{  
  color:#58AD3C  
}
```

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 #58AD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AD3C
}
```

Border

The CSS property to change the border of an element to Decimal 5811516 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
#58AD3C }
```

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

```
.border{ border-color:#58AD3C }
```

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

Here you see how a box with a 4 pixel #58AD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AD3C; -webkit-box-shadow:4px 4px  
4px 4px #58AD3C; box-shadow:4px 4px 4px  
4px #58AD3C }
```

Background

The CSS property to change the background color of an element to Decimal 5811516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AD3C }
```

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

```
.background{ background-color:#58AD3C }
```

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](#).

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