

Converting Colors

Decimal(6068799)

Have a look what the booklet for
Decimal(6068799) contains.

Decimal(6068799)	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(6068799)

Conversions

Conversions Part 1

Format	Color
Hex	5C9A3F
RGB	92, 154, 63
RGB Percent	36%, 60%, 25%
CMY	0.6392, 0.3961, 0.7529
CMYK	0.40, 0.00, 0.59, 0.40
HSL	101°, 42%, 43%
HSV	101°, 59%, 60%
XYZ	16.8664, 25.7454, 8.7830
YIQ	125.0880, -7.7410, -41.4450

Conversions

Conversions Part 2

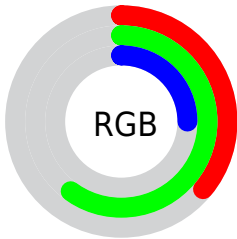
Format	Color
RYB	63, 154, 125
Decimal	6068799
CIELab	57.79, -37.11, 40.82
CIElCh	58, 55.163, 132.274
Yxy	25.7454, 0.3282, 0.5009
Android (android.graphics.Color)	4284258879 (0xFF5C9A3F)
YUV	125.0880, -30.6094, -29.0182
Hunter-Lab	50.7399, -29.4597, 25.2549

Details

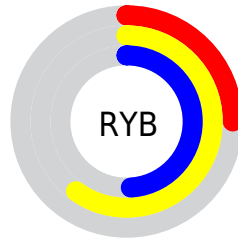
The Decimal color **6068799** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8208282**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **9621874**, and **2516490** is the 20% darker color. If you saturate the color by 10%, you get **5413424**, and if you desaturate by 10%, it is **6724174**.

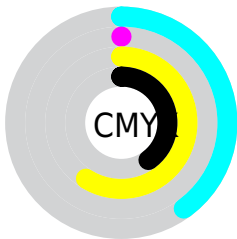
Distribution



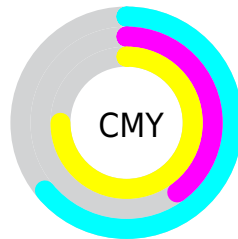
- Red (36%)
- Green (60%)
- Blue (25%)



- Red (25%)
- Yellow (60%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (59%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6068799 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 6068799 by changing the saturation by 10% instead.



6068799



6068799

16777215



4292646



9621874



2516490



11464076



216576



13303719



13824



15204291



8704



16777183



0

16777212



6068799



6068799



5413424



6724174

■ 4692512

■ 7445086

■ 4037137

■ 8100461

■ 3316225

■ 8821373

■ 3250688

■ 9476748

■ 10197659

■ 10853035

■ 11573946

■ 12229322

Harmonies

Analogous

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



9604898



6068799



41068

Triad

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



6068799



39142



14900857

Complementary

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



6068799



8208282

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.



13919145



6068799



5409513

Square

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



6068799



41163



10974931



14248780

Rectangle

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



6068799



41613



10974931



14769801

Sweetspot

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



6068799



11651493



10124351



5727824



15132390



6710886

Same Dimension

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



6068799



6867258



4168270



4672837



2984960



265472

Inverse Universe

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



8208282



10238665



10108811



4867405



6291596



589837

Previews

White Background



This preview shows how the Decimal color 6068799 looks on a white background.

Color Contrast Check

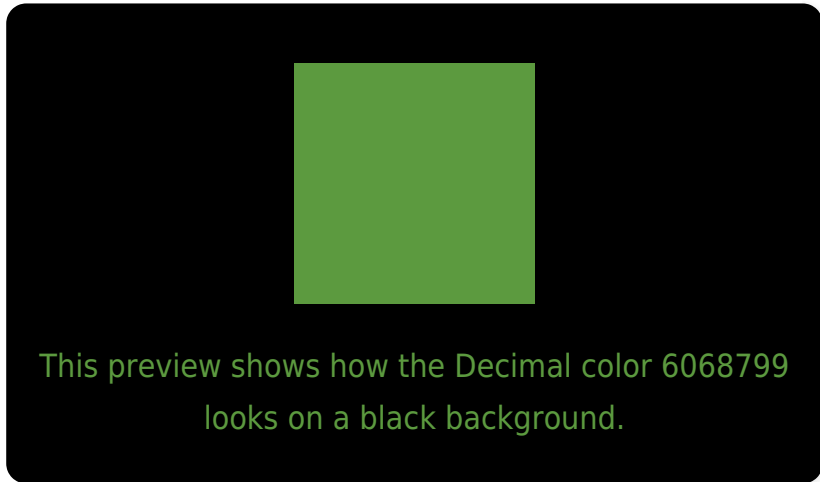
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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](#).

Decimal 6068799 Background



This preview shows how black text looks on a background with the Decimal color 6068799.



This preview shows how white text looks on a background with the Decimal color 6068799.

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
6068799

Protanopia
10127930

Deuteranopia
11174981



Tritanopia
7049372

Trichromacy



Original Color
6068799

Protanomaly
8622140

Deuteranomaly
9342019

Tritanomaly
6722682

Monochromacy



Original Color
6068799

Achromatopsia
8224125

Achromatomaly
7440486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6068799 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 #5C9A3F looks like.

```
.text, #text, p{  
  color:#5C9A3F  
}
```

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 #5C9A3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9A3F
}
```

Border

The CSS property to change the border of an element to Decimal 6068799 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
#5C9A3F }
```

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

```
.border{ border-color:#5C9A3F }
```

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

Here you see how a box with a 4 pixel #5C9A3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9A3F; -webkit-box-shadow:4px 4px  
4px 4px #5C9A3F; box-shadow:4px 4px 4px  
4px #5C9A3F }
```

Background

The CSS property to change the background color of an element to Decimal 6068799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9A3F }
```

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

```
.background{ background-color:#5C9A3F }
```

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