

# Converting Colors

Decimal(7179803)

Have a look what the booklet for  
Decimal(7179803) contains.

<b>Decimal(7179803)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(7179803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8E1B
RGB	109, 142, 27
RGB Percent	43%, 56%, 11%
CMY	0.5725, 0.4431, 0.8941
CMYK	0.23, 0.00, 0.81, 0.44
HSL	77°, 68%, 33%
HSV	77°, 81%, 56%
XYZ	16.1775, 22.6763, 4.5612
YIQ	119.0230, 17.2470, -42.7610

# Conversions

## Conversions Part 2

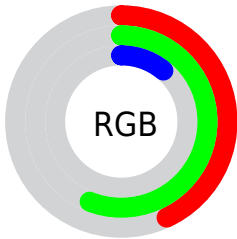
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 142, 60
Decimal	7179803
CIE Lab	54.74, -27.81, 52.50
CIE LCh	55, 59.410, 117.909
Yxy	22.6763, 0.3726, 0.5223
Android (android.graphics.Color)	4285369883 (0xFF6D8E1B)
YUV	119.0230, -45.3673, -8.7902
Hunter-Lab	47.6197, -22.6939, 27.6547

# Details

The Decimal color **7179803** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3939214**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10798162**, and **3693568** is the 20% darker color. If you saturate the color by 10%, you get **6917645**, and if you desaturate by 10%, it is **7441961**.

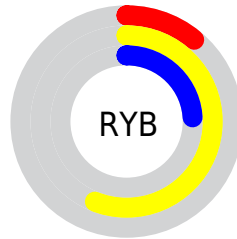
# Distribution



Red (43%)

Green (56%)

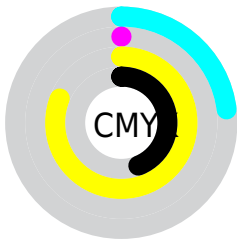
Blue (11%)



Red (11%)

Yellow (56%)

Blue (24%)

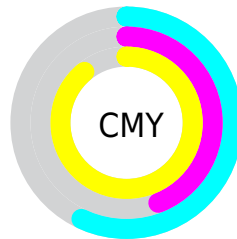


Cyan (23%)

Magenta (0%)

Yellow (81%)

Black (44%)



Cyan (57%)

Magenta (44%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7179803 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 7179803 by changing the saturation by 10% instead.



 7179803

 7179803

16777215

 5403648

 10798162

 3693568

 12640364

 1983488

 14548103

 11520

 16449442

 6400

 16777150

 0

 16777179

 16777208

 7179803

 7179803

■ 6917645

■ 7441961

■ 6655488

■ 7704119

■ 7966278

■ 8228436

■ 8490594

■ 8752752

■ 9080446

■ 9342605

■ 9604763

# Harmonies

## Analogous

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



10452740



7179803



1480521

# Triad

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



7179803



38618



14438537

# Complementary

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



7179803



3939214

# 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.



12410810



7179803



35562

# Square

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



7179803



39858



8091614



14505558

# Rectangle

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



7179803



39532



8091614



13980570



# Sweetspot

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



7179803



11253900



9321499



5528641



14408667



6052956



# Same Dimension

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



7179803



8697862



3444251



4540224



6326016



329728



# Inverse Universe

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



3939214



3737272



7674766



4341831



2556039



131080



# Previews

## White Background



This preview shows how the Decimal color 7179803 looks on a white background.

## Color Contrast Check

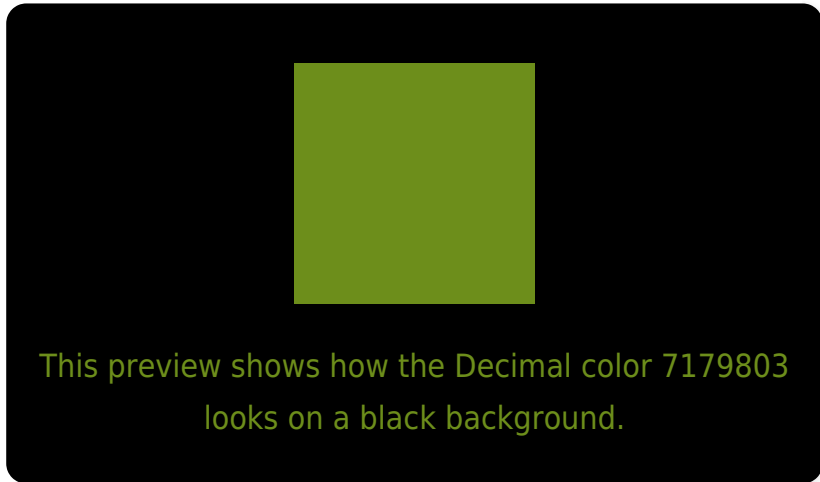
Large Text (above 18pt) WCAG AA ✓ Pass

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 7179803 Background



This preview shows how black text looks on a background with the Decimal color 7179803.



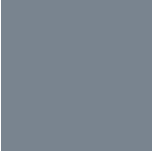
This preview shows how white text looks on a background with the Decimal color 7179803.

# 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





**Tritanopia**  
7963791

# Trichromacy



**Original Color**  
7179803

**Protanomaly**  
8750873

**Deuteranomaly**  
9470753

**Tritanomaly**  
7702629

# Monochromacy



**Original Color**  
7179803

**Achromatopsia**  
7829367

**Achromatomaly**  
7569238

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7179803 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 #6D8E1B looks like.

```
.text, #text, p{  
    color:#6D8E1B  
}
```

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 #6D8E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8E1B
}
```

## Border

The CSS property to change the border of an element to Decimal 7179803 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
#6D8E1B }
```

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

```
.border{ border-color:#6D8E1B }
```

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

Here you see how a box with a 4 pixel #6D8E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8E1B; -webkit-box-shadow:4px 4px  
4px 4px #6D8E1B; box-shadow:4px 4px 4px  
4px #6D8E1B }
```

# Background

The CSS property to change the background color of an element to Decimal 7179803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8E1B }
```

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

```
.background{ background-color:#6D8E1B }
```

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