

# Converting Colors

Decimal(6178316)

Have a look what the booklet for  
Decimal(6178316) contains.

<b>Decimal(6178316)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(6178316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E460C
RGB	94, 70, 12
RGB Percent	37%, 27%, 5%
CMY	0.6314, 0.7255, 0.9529
CMYK	0.00, 0.26, 0.87, 0.63
HSL	42°, 77%, 21%
HSV	42°, 87%, 37%
XYZ	6.8726, 6.7865, 1.2955
YIQ	70.5640, 32.9220, -12.9500

# Conversions

## Conversions Part 2

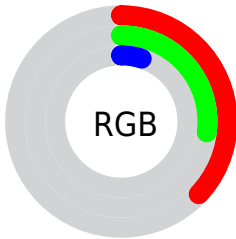
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 94, 12
Decimal	6178316
CIE Lab	31.32, 4.36, 35.92
CIE LCh	31, 36.183, 83.086
Yxy	6.7865, 0.4596, 0.4538
Android (android.graphics.Color)	4284368396 (0xFF5E460C)
YUV	70.5640, -28.8721, 20.5534
Hunter-Lab	26.0510, 1.5015, 15.2872

# Details

The Decimal color **6178316** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **795742**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9729596**, and **2890496** is the 20% darker color. If you saturate the color by 10%, you get **6177539**, and if you desaturate by 10%, it is **6179093**.

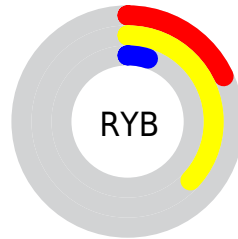
# Distribution



Red (37%)

Green (27%)

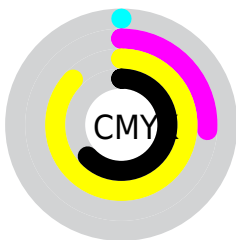
Blue (5%)



Red (18%)

Yellow (37%)

Blue (5%)

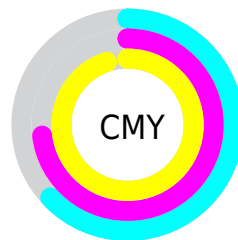


Cyan (0%)

Magenta (26%)

Yellow (87%)

Black (63%)



Cyan (63%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6178316 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 6178316 by changing the saturation by 10% instead.



 6178316

 6178316


 16777205

 4534272

 9729596

 2890496

 11505748

 1114368

 13412973

 0

 15320455

 16769441

 16776893

 16777177

 6178316

 6178316

■ 6177539

■ 6179093

■ 6177280

■ 6179871

■ 6180392

■ 6181170

■ 6181947

■ 6182724

■ 6183246

■ 6184023

■ 6184801

# Harmonies

## Analogous

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



7486237



6178316



4411152

# Triad

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



6178316



22367



6699372

# Complementary

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



6178316



795742

# 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.



4081022



6178316



21879

# Square

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



6178316



22338



20354



7942225

# Rectangle

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



6178316



2970398



20354



5979507



# Sweetspot

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



6178316



8024411



6163493



4012074



12434877



4013373



# Same Dimension

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



6178316



8017664



5135884



3026217



7228928



15575040



# Inverse Universe

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



795742



9338



1838174



2698030



8302



17901



# Previews

## White Background



This preview shows how the Decimal color 6178316 looks on a white background.

## Color Contrast Check

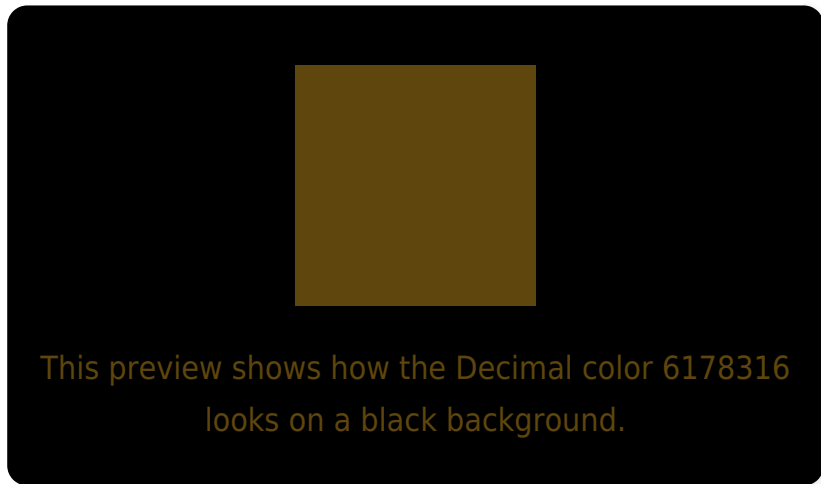
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



## Decimal 6178316 Background



This preview shows how black text looks on a background with the Decimal color 6178316.



This preview shows how white text looks on a background with the Decimal color 6178316.

# 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**  
6178316

**Protanopia**  
5458445

**Deuteranopia**  
6112780



**Tritanopia**  
6373702

# Trichromacy



**Original Color**  
6178316

**Protanomaly**  
5720333

**Deuteranomaly**  
6112780

**Tritanomaly**  
6308657

# Monochromacy



**Original Color**  
6178316

**Achromatopsia**  
4671303

**Achromatomaly**  
5195570

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6178316 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 #5E460C looks like.

```
.text, #text, p{  
  color:#5E460C  
}
```

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 #5E460C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E460C
}
```

## Border

The CSS property to change the border of an element to Decimal 6178316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

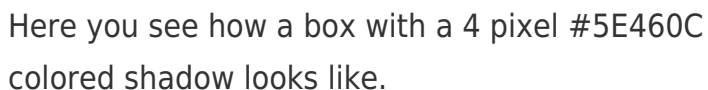
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E460C }
```

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

```
.border{ border-color:#5E460C }
```

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



Here you see how a box with a 4 pixel #5E460C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E460C; -webkit-box-shadow:4px 4px  
4px 4px #5E460C; box-shadow:4px 4px 4px  
4px #5E460C }
```

# Background

The CSS property to change the background color of an element to Decimal 6178316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E460C }
```

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

```
.background{ background-color:#5E460C }
```

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