

# Converting Colors

Decimal(6181913)

Have a look what the booklet for  
Decimal(6181913) contains.

<b>Decimal(6181913)</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(6181913)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E5419
RGB	94, 84, 25
RGB Percent	37%, 33%, 10%
CMY	0.6314, 0.6706, 0.9020
CMYK	0.00, 0.11, 0.73, 0.63
HSL	51°, 58%, 23%
HSV	51°, 73%, 37%
XYZ	7.9619, 8.7905, 2.1968
YIQ	80.2640, 24.8990, -16.2290

# Conversions

## Conversions Part 2

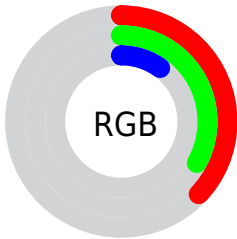
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 94, 25
Decimal	6181913
CIE Lab	35.58, -3.54, 34.48
CIE LCh	36, 34.662, 95.869
Yxy	8.7905, 0.4202, 0.4639
Android (android.graphics.Color)	4284371993 (0xFF5E5419)
YUV	80.2640, -27.2452, 12.0465
Hunter-Lab	29.6488, -3.9511, 16.3611

# Details

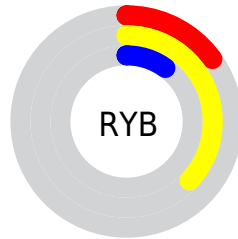
The Decimal color **6181913** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1647454**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9667912**, and **2959104** is the 20% darker color. If you saturate the color by 10%, you get **6181648**, and if you desaturate by 10%, it is **6182178**.

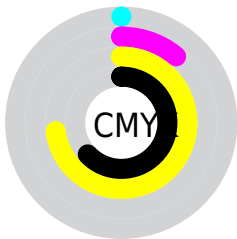
# Distribution



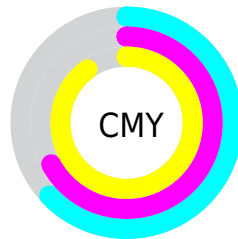
- Red (37%)
- Green (33%)
- Blue (10%)



- Red (15%)
- Yellow (37%)
- Blue (10%)



- Cyan (0%)
- Magenta (11%)
- Yellow (73%)
- Black (63%)



- Cyan (63%)
- Magenta (67%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6181913 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 6181913 by changing the saturation by 10% instead.





6181913



6181913

16777215



4537600



9667912



2959104



11444065



1250048



13286010



0



15193748



16773807



16777163



16777191



6181913



6181913

■ 6181648

■ 6182178

■ 6181126

■ 6182700

■ 6180864

■ 6182965

■ 6183231

■ 6183752

■ 6184017

■ 6184539

■ 6184804

■ 6185070

# Harmonies

## Analogous

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



7686688



6181913



4283172

# Triad

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



6181913



24947



8011627

# Complementary

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



6181913



1647454

# 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.



6048385



6181913



23942

# Square

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



6181913



24920



2643339



8797007

# Rectangle

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



6181913



2645811



2643339



7488371



# Sweetspot

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



6181913



8025695



6166819



4012845



12434877



4013373



# Same Dimension

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



6181913



8022799



4611609



3026217



7233024



15584000



# Inverse Universe

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



1647454



990842



3217758



2697774



4206



8941



# Previews

## White Background



This preview shows how the Decimal color 6181913 looks on a white background.

## Color Contrast Check

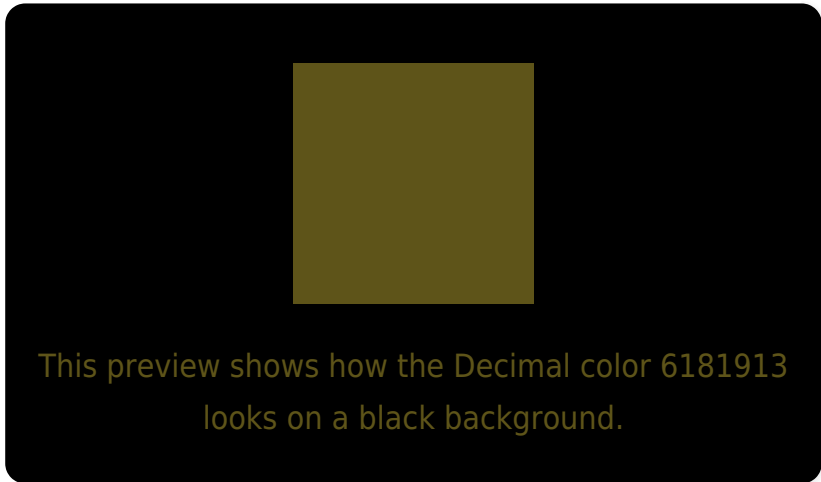
Large Text (above 18pt) WCAG AA ✓ Pass

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

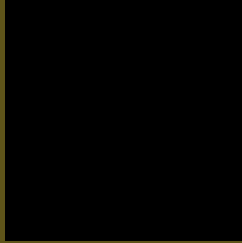
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6181913 Background



This preview shows how black text looks on a background with the Decimal color 6181913.



This preview shows how white text looks on a background with the Decimal color 6181913.

# 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**

6181913

**Protanopia**

6181913

**Deuteranopia**

6901787



**Tritanopia**  
6508117

# Trichromacy



**Original Color**  
6181913

**Protanomaly**  
6181913

**Deuteranomaly**  
6639898

**Tritanomaly**  
6377535

# Monochromacy



**Original Color**  
6181913

**Achromatopsia**  
5263440

**Achromatomaly**  
5591356

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6181913 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 #5E5419 looks like.

```
.text, #text, p{  
    color:#5E5419  
}
```

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 #5E5419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5419
}
```

## Border

The CSS property to change the border of an element to Decimal 6181913 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
#5E5419 }
```

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

```
.border{ border-color:#5E5419 }
```

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

Here you see how a box with a 4 pixel #5E5419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5419; -webkit-box-shadow:4px 4px  
4px 4px #5E5419; box-shadow:4px 4px 4px  
4px #5E5419 }
```

# Background

The CSS property to change the background color of an element to Decimal 6181913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5419 }
```

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

```
.background{ background-color:#5E5419 }
```

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