

# Converting Colors

Decimal(6117971)

Have a look what the booklet for  
Decimal(6117971) contains.

<b>Decimal(6117971)</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(6117971)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D5A53
RGB	93, 90, 83
RGB Percent	36%, 35%, 33%
CMY	0.6353, 0.6471, 0.6745
CMYK	0.00, 0.03, 0.11, 0.64
HSL	42°, 6%, 35%
HSV	42°, 11%, 36%
XYZ	9.7317, 10.2640, 9.6519
YIQ	90.0990, 4.0350, -1.5410

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 93, 83
Decimal	6117971
CIE <sub>Lab</sub>	38.31, -0.19, 4.47
CIE <sub>LCh</sub>	38, 4.470, 92.458
Yxy	10.2640, 0.3282, 0.3462
Android (android.graphics.Color)	4284308051 (0xFF5D5A53)
YUV	90.0990, -3.4998, 2.5442
Hunter-Lab	32.0375, -1.8446, 4.5641

# Details

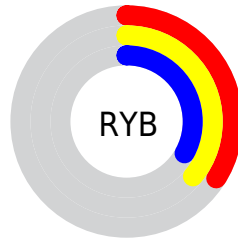
The Decimal color **6117971** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5461597**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9407620**, and **3091750** is the 20% darker color. If you saturate the color by 10%, you get **6117194**, and if you desaturate by 10%, it is **6118748**.

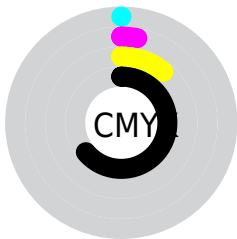
# Distribution



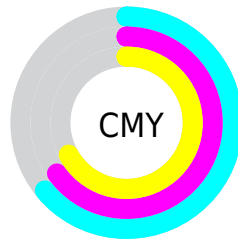
- Red (36%)
- Green (35%)
- Blue (33%)



- Red (34%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (64%)



- Cyan (64%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6117971 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 6117971 by changing the saturation by 10% instead.





6117971



6117971

16777215



4539196



9407620



3091750



11183775



1710098



12960185



0



14802389



16710385



6117971



6117971



6117194



6118748



6116416



6119526

■ 6115895

■ 6120047

■ 6115118

■ 6120824

■ 6114341

■ 6121602

■ 6113563

■ 6122379

■ 6112786

■ 6123156

■ 6112265

■ 6123677

■ 6111488

■ 6124455

# Harmonies

## Analogous

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



6314324



6117971



5856084

# Triad

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



6117971



5332062



6248542

# Complementary

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



6117971



5461597

# 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.



5986656



6117971



5462880

# Square

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



6117971



5397594



5724769



6445146

# Rectangle

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



6117971



5659734



5724769



6183007



# Sweetspot

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



6117971



7894900



6116182



4013115



12434877



4013373

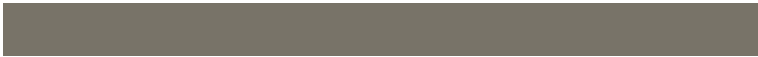


# Same Dimension

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



6117971



7893864



5987667



3026217



7228672



15574528



# Inverse Universe

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



5461597



6843768



5591901



2698030



8558



18413



# Previews

## White Background



This preview shows how the Decimal color 6117971 looks on a white background.

## Color Contrast Check

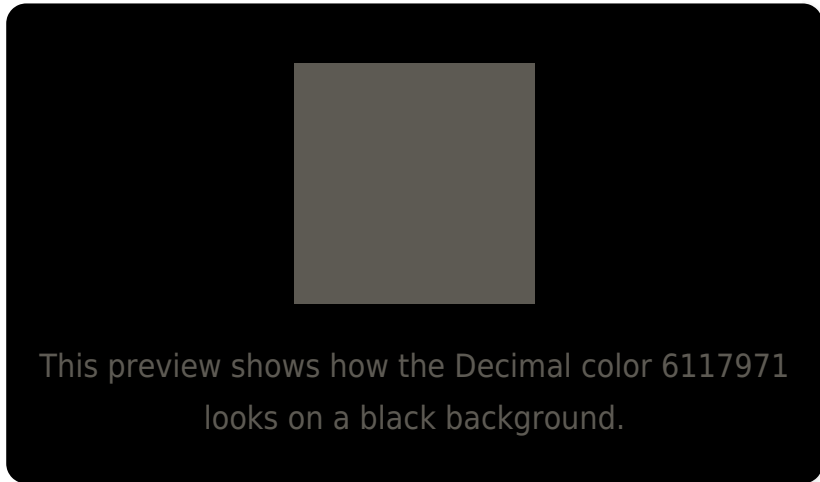
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

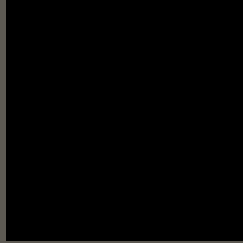
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

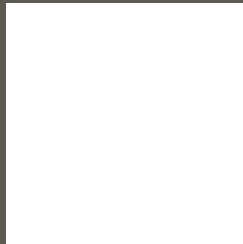
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6117971 Background



This preview shows how black text looks on a background with the Decimal color 6117971.



This preview shows how white text looks on a background with the Decimal color 6117971.

# 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**  
6117971

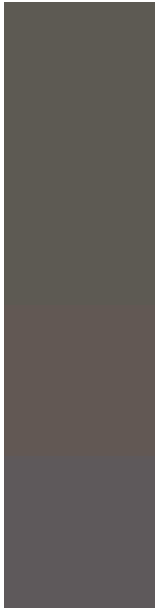
**Protanopia**  
6117971

**Deuteranopia**  
6641492



**Tritanopia**  
6248543

# Trichromacy



**Original Color**

6117971

**Protanomaly**

6117971

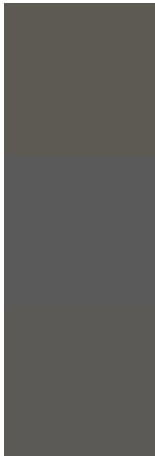
**Deuteranomaly**

6445140

**Tritanomaly**

6183259

# Monochromacy



**Original Color**

6117971

**Achromatopsia**

5921370

**Achromatomaly**

5986903

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6117971 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 #5D5A53 looks like.

```
.text, #text, p{  
  color:#5D5A53  
}
```

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 #5D5A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D5A53
}
```

## Border

The CSS property to change the border of an element to Decimal 6117971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

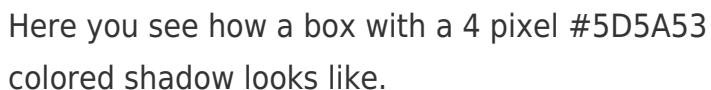
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D5A53 }
```

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

```
.border{ border-color:#5D5A53 }
```

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



Here you see how a box with a 4 pixel #5D5A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D5A53; -webkit-box-shadow:4px 4px  
4px 4px #5D5A53; box-shadow:4px 4px 4px  
4px #5D5A53 }
```

# Background

The CSS property to change the background color of an element to Decimal 6117971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D5A53 }
```

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

```
.background{ background-color:#5D5A53 }
```

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