

# Converting Colors

Decimal(6248787)

Have a look what the booklet for  
Decimal(6248787) contains.

<b>Decimal(6248787)</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(6248787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F5953
RGB	95, 89, 83
RGB Percent	37%, 35%, 33%
CMY	0.6275, 0.6510, 0.6745
CMYK	0.00, 0.06, 0.13, 0.63
HSL	30°, 7%, 35%
HSV	30°, 13%, 37%
XYZ	9.8530, 10.2022, 9.6335
YIQ	90.1100, 5.5020, -0.5940

# Conversions

## Conversions Part 2

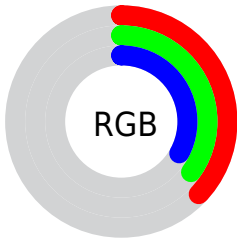
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 95, 83
Decimal	6248787
CIELab	38.20, 1.25, 4.33
CIELCh	38, 4.510, 73.943
Yxy	10.2022, 0.3319, 0.3436
Android (android.graphics.Color)	4284438867 (0xFF5F5953)
YUV	90.1100, -3.5052, 4.2885
Hunter-Lab	31.9409, -0.8333, 4.4764

# Details

The Decimal color **6248787** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5462367**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9538436**, and **3222566** is the 20% darker color. If you saturate the color by 10%, you get **6247498**, and if you desaturate by 10%, it is **6250077**.

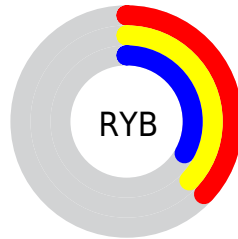
# Distribution



Red (37%)

Green (35%)

Blue (33%)



Red (37%)

Yellow (37%)

Blue (33%)

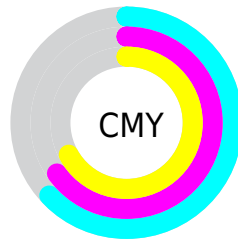


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (63%)



Cyan (63%)

Magenta (65%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6248787 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 6248787 by changing the saturation by 10% instead.





6248787



6248787

16777215



4670012



9538436



3222566



11314591



1840914



13091001



0



14933205



16775665



6248787



6248787



6247498



6250077



6246208



6251366

■ 6245175

■ 6252399

■ 6243885

■ 6253689

■ 6242595

■ 6254979

■ 6241306

■ 6256268

■ 6240272

■ 6257302

■ 6238983

■ 6258591

■ 6237952

■ 6259881

# Harmonies

## Analogous

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



6379605



6248787



5986899

# Triad

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



6248787



5332060



6117471

# Complementary

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



6248787



5462367

# 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.



5790305



6248787



5397599

# Square

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



6248787



5463128



5528417



6314076

# Rectangle

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



6248787



5790548



5528417



5986656



# Sweetspot

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



6248787



8026230



6247257



4013114



12434877



4013373



# Same Dimension

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



6248787



8024424



6250323



3157548



7354368



15759360



# Inverse Universe

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



5462367



6844794



5460831



2895408



14448



30960



# Previews

## White Background



This preview shows how the Decimal color 6248787 looks on a white background.

## Color Contrast Check

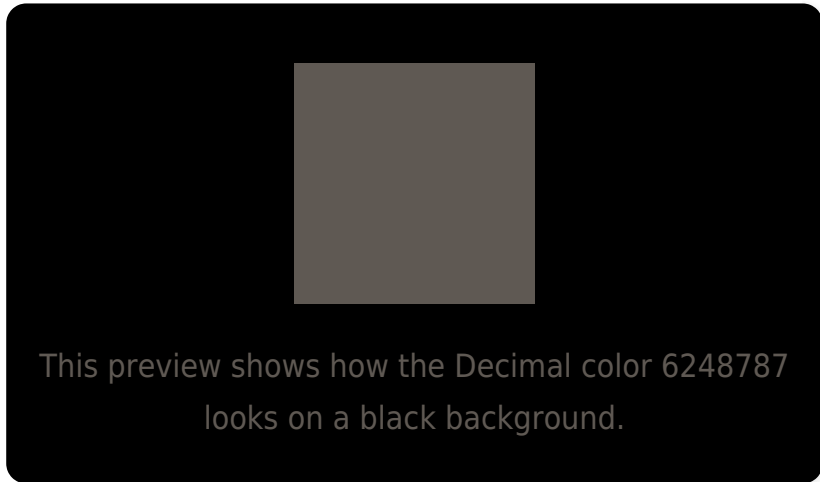
Large Text (above 18pt) WCAG AA ✓ Pass

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

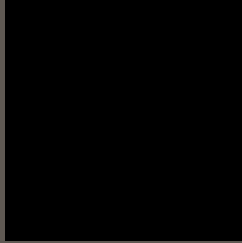
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

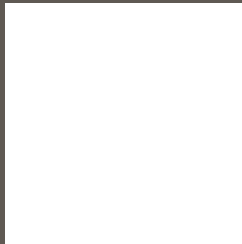
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6248787 Background



This preview shows how black text looks on a background with the Decimal color 6248787.



This preview shows how white text looks on a background with the Decimal color 6248787.

# 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**  
6248787

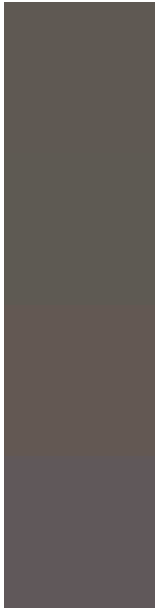
**Protanopia**  
6117971

**Deuteranopia**  
6641491



**Tritanopia**  
6379358

# Trichromacy



**Original Color**

6248787

**Protanomaly**

6183507

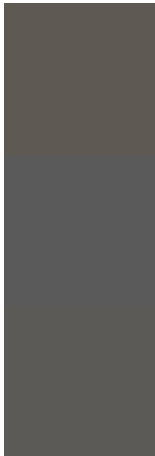
**Deuteranomaly**

6510675

**Tritanomaly**

6314074

# Monochromacy



**Original Color**

6248787

**Achromatopsia**

5921370

**Achromatomaly**

6052439

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6248787 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 #5F5953 looks like.

```
.text, #text, p{  
    color:#5F5953  
}
```

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 #5F5953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5953
}
```

## Border

The CSS property to change the border of an element to Decimal 6248787 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".

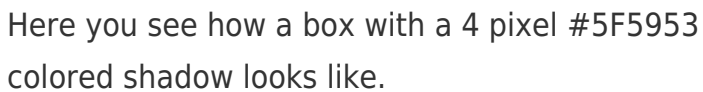
```
.border, #border, table{ border:4px solid
#5F5953 }
```

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

```
.border{ border-color:#5F5953 }
```

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

Here you see how a box with a 4 pixel #5F5953 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5953; -webkit-box-shadow:4px 4px  
4px 4px #5F5953; box-shadow:4px 4px 4px  
4px #5F5953 }
```

# Background

The CSS property to change the background color of an element to Decimal 6248787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5953 }
```

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

```
.background{ background-color:#5F5953 }
```

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