

# Converting Colors

Decimal(5857632)

Have a look what the booklet for  
Decimal(5857632) contains.

<b>Decimal(5857632)</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(5857632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	596160
RGB	89, 97, 96
RGB Percent	35%, 38%, 38%
CMY	0.6510, 0.6196, 0.6235
CMYK	0.08, 0.00, 0.01, 0.62
HSL	173°, 4%, 36%
HSV	173°, 8%, 38%
XYZ	10.5058, 11.5178, 12.7358
YIQ	94.4940, -4.4470, -2.0070

# Conversions

## Conversions Part 2

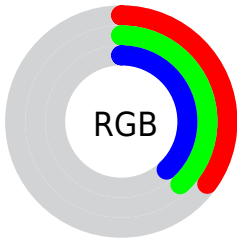
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 93, 97
Decimal	5857632
CIE Lab	40.44, -3.31, -0.50
CIE LCh	40, 3.353, 188.602
Yxy	11.5178, 0.3022, 0.3314
Android (android.graphics.Color)	4284047712 (0xFF596160)
YUV	94.4940, 0.7425, -4.8182
Hunter-Lab	33.9378, -4.1345, 1.5069

# Details

The Decimal color **5857632** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6379866**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9147538**, and **2896690** is the 20% darker color. If you saturate the color by 10%, you get **5202271**, and if you desaturate by 10%, it is **6512993**.

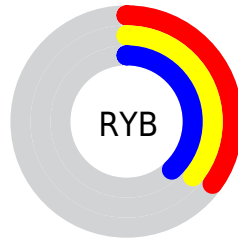
# Distribution



 Red (35%)

 Green (38%)

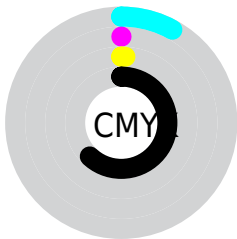
 Blue (38%)



 Red (35%)

 Yellow (36%)

 Blue (38%)

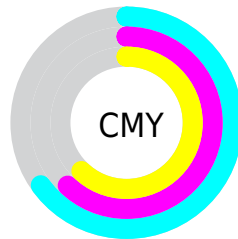


 Cyan (8%)

 Magenta (0%)

 Yellow (1%)

 Black (62%)



 Cyan (65%)

 Magenta (62%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5857632 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 5857632 by changing the saturation by 10% instead.





5857632



5857632

16777215



4344136



9147538



2896690



10858157



1515037



12634824



771



14477028



0



16383999



5857632



5857632



5202271



6512993



4612446



7102818

■ 3957084

■ 7758180

■ 3301723

■ 8413541

■ 2646362

■ 9068902

■ 2056537

■ 9658727

■ 1401176

■ 10314088

■ 745814

■ 10969450

■ 155989

■ 11559275

# Harmonies

## Analogous

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



5988701



5857632



5857635

# Triad

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



5857632



6381156



6577754

# Complementary

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



5857632



6379866

# 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.



6643292



5857632



6577761

# Square

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



5857632



6184805



6643295



6381402

# Rectangle

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



5857632



5922916



6643295



6577755



# Sweetspot

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



5857632



8027517



5923161



4079680



12566463



4210752



# Same Dimension

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



5857632



7372155



5856865



2895920



28770



61650



# Inverse Universe

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



6379866



8220786



6380633



3157036



7340046



15728670



# Previews

## White Background



This preview shows how the Decimal color 5857632 looks on a white background.

## Color Contrast Check

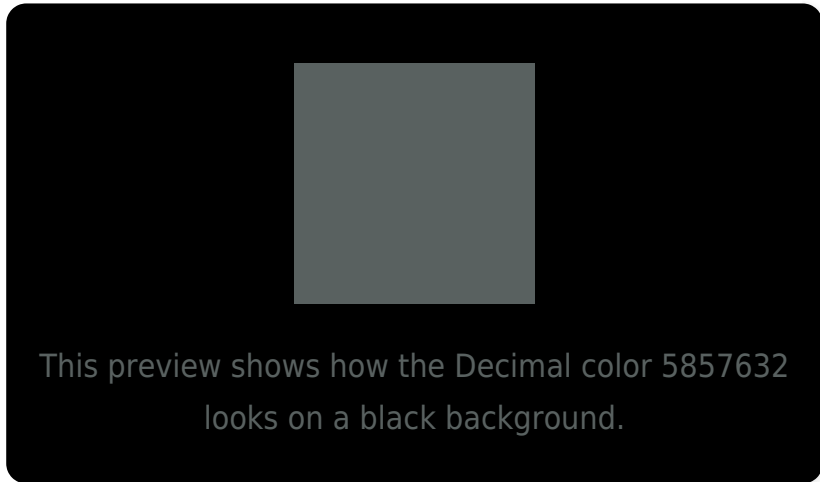
Large Text (above 18pt) WCAG AA ✓ Pass

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

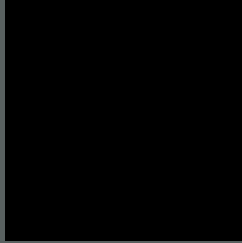
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

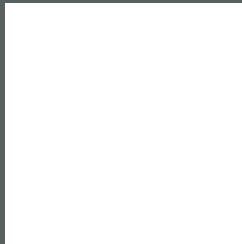
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5857632 Background



This preview shows how black text looks on a background with the Decimal color 5857632.



This preview shows how white text looks on a background with the Decimal color 5857632.

# 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**  
5857632

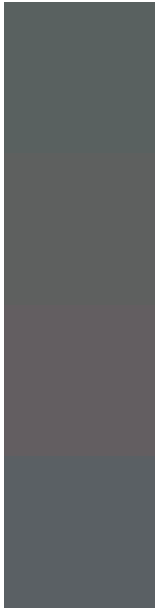
**Protanopia**  
6381407

**Deuteranopia**  
6839393



**Tritanopia**  
5922919

# Trichromacy



**Original Color**

5857632

**Protanomaly**

6185055

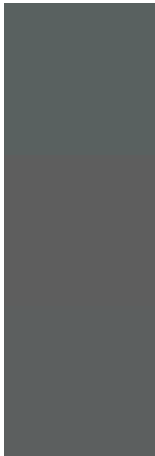
**Deuteranomaly**

6512225

**Tritanomaly**

5922916

# Monochromacy



**Original Color**

5857632

**Achromatopsia**

6184542

**Achromatomaly**

6053727

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5857632 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 #596160 looks like.

```
.text, #text, p{  
    color:#596160  
}
```

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 #596160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596160
}
```

## Border

The CSS property to change the border of an element to Decimal 5857632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

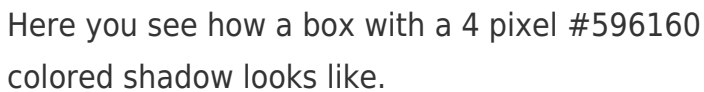
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#596160 }
```

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

```
.border{ border-color:#596160 }
```

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



Here you see how a box with a 4 pixel #596160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596160; -webkit-box-shadow:4px 4px  
4px 4px #596160; box-shadow:4px 4px 4px  
4px #596160 }
```

# Background

The CSS property to change the background color of an element to Decimal 5857632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596160 }
```

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

```
.background{ background-color:#596160 }
```

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](#).



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