

# Converting Colors

Decimal(5794647)

Have a look what the booklet for  
Decimal(5794647) contains.

<b>Decimal(5794647)</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(5794647)**

# Conversions

## Conversions Part 1

Format	Color
Hex	586B57
RGB	88, 107, 87
RGB Percent	35%, 42%, 34%
CMY	0.6549, 0.5804, 0.6588
CMYK	0.18, 0.00, 0.19, 0.58
HSL	117°, 10%, 38%
HSV	117°, 19%, 42%
XYZ	11.0025, 13.2782, 10.9999
YIQ	99.0390, -4.9040, -10.2480

# Conversions

## Conversions Part 2

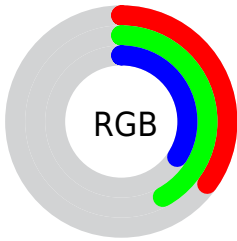
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 107, 106
Decimal	5794647
CIELab	43.18, -11.40, 8.89
CIELCh	43, 14.457, 142.074
Yxy	13.2782, 0.3119, 0.3764
Android (android.graphics.Color)	4283984727 (0xFF586B57)
YUV	99.0390, -5.9352, -9.6812
Hunter-Lab	36.4393, -9.8724, 7.6097

# Details

The Decimal color **5794647** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6969195**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **9084553**, and **2767914** is the 20% darker color. If you saturate the color by 10%, you get **5139276**, and if you desaturate by 10%, it is **6450018**.

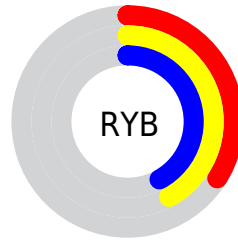
# Distribution



Red (35%)

Green (42%)

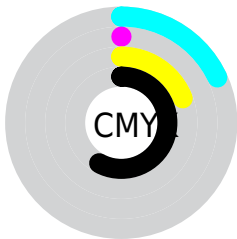
Blue (34%)



Red (34%)

Yellow (42%)

Blue (42%)

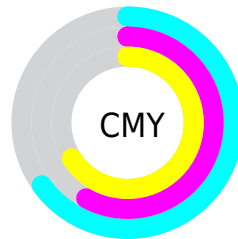


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (58%)



Cyan (65%)

Magenta (58%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5794647 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 5794647 by changing the saturation by 10% instead.





5794647



5794647

16777215



4215616



9084553



2767914



10860963



1386005



12637630



4608



14479834



0



16318454



5794647



5794647



5139276



6450018



4483906



7105388

■ 3828535

■ 7760759

■ 3107628

■ 8481666

■ 2452258

■ 9137037

■ 1796887

■ 9792407

■ 1141516

■ 10447778

■ 486145

■ 11103149

■ 355072

■ 11758519

# Harmonies

## Analogous

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



6711376



5794647



5008738

# Triad

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



5794647



5531773



8347230

# Complementary

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



5794647



6969195

# 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.



8150634



5794647



6579324

# Square

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



5794647



4746104



7495797



8085588

# Rectangle

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



5794647



4615531



7495797



8347233



# Sweetspot

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



5794647



8686724



7039575



4409154



13092807



4671303



# Same Dimension

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



5794647



7310445



5729120



3159600



423168



849152



# Inverse Universe

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



6969195



9137548



7034722



3485750



7274613

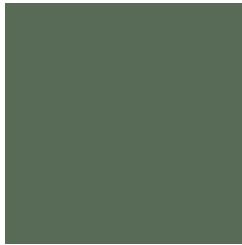


15270133



# Previews

## White Background



This preview shows how the Decimal color 5794647 looks on a white background.

## Color Contrast Check

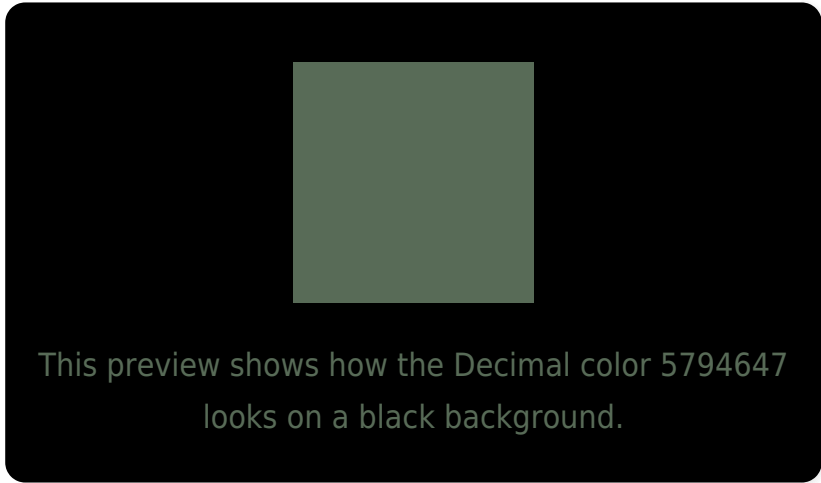
Large Text (above 18pt) WCAG AA ✓ Pass

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

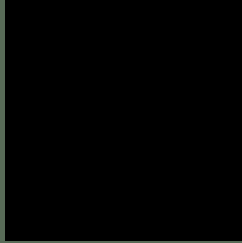
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5794647 Background



This preview shows how black text looks on a background with the Decimal color 5794647.

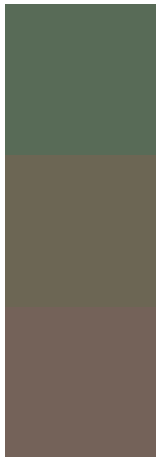


This preview shows how white text looks on a background with the Decimal color 5794647.

# 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](#).

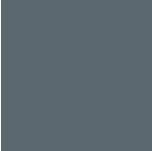
## Dichromacy



**Original Color**  
5794647

**Protanopia**  
7104084

**Deuteranopia**  
7627353



**Tritanopia**  
6056048

# Trichromacy



**Original Color**  
5794647

**Protanomaly**  
6645845

**Deuteranomaly**  
6972760

**Tritanomaly**  
5990759

# Monochromacy



**Original Color**  
5794647

**Achromatopsia**  
6513507

**Achromatomaly**  
6252127

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5794647 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 #586B57 looks like.

```
.text, #text, p{  
    color:#586B57  
}
```

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 #586B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586B57  
}
```

## Border

The CSS property to change the border of an element to Decimal 5794647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

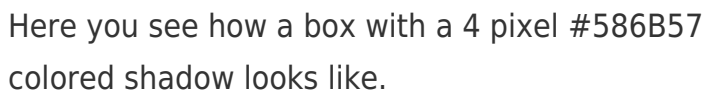
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#586B57 }
```

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

```
.border{ border-color:#586B57 }
```

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



Here you see how a box with a 4 pixel #586B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586B57; -webkit-box-shadow:4px 4px  
4px 4px #586B57; box-shadow:4px 4px 4px  
4px #586B57 }
```

# Background

The CSS property to change the background color of an element to Decimal 5794647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586B57 }
```

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

```
.background{ background-color:#586B57 }
```

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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