

Converting Colors

Decimal(5597787)

Have a look what the booklet for
Decimal(5597787) contains.

Decimal(5597787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5597787)

Conversions

Conversions Part 1

Format	Color
Hex	556A5B
RGB	85, 106, 91
RGB Percent	33%, 42%, 36%
CMY	0.6667, 0.5843, 0.6431
CMYK	0.20, 0.00, 0.14, 0.58
HSL	137°, 11%, 37%
HSV	137°, 20%, 42%
XYZ	10.7887, 12.9947, 11.8371
YIQ	98.0110, -7.7010, -9.1170

Conversions

Conversions Part 2

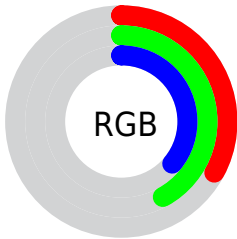
Format	Color
RYB	85, 101, 106
Decimal	5597787
CIELab	42.76, -11.16, 5.85
CIELCh	43, 12.603, 152.350
Yxy	12.9947, 0.3029, 0.3648
Android (android.graphics.Color)	4283787867 (0xFF556A5B)
YUV	98.0110, -3.4564, -11.4106
Hunter-Lab	36.0482, -9.6619, 5.7646

Details

The Decimal color **5597787** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6968676**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **8887693**, and **2571053** is the 20% darker color. If you saturate the color by 10%, you get **4876883**, and if you desaturate by 10%, it is **6318691**.

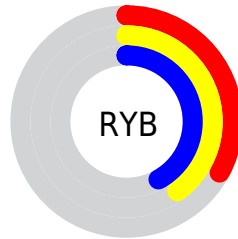
Distribution



Red (33%)

Green (42%)

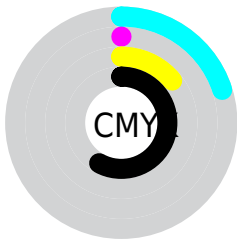
Blue (36%)



Red (33%)

Yellow (40%)

Blue (42%)

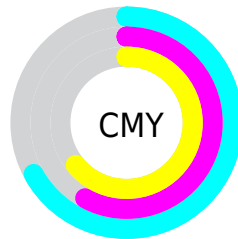


Cyan (20%)

Magenta (0%)

Yellow (14%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5597787 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 5597787 by changing the saturation by 10% instead.

■ 5597787

■ 5597787

16777215

■ 4084292

■ 8887693

■ 2571053

■ 10598567

■ 1189145

■ 12375235

■ 4352

■ 14217439

■ 0

■ 16121851

■ 5597787

■ 5597787

■ 4876883

■ 6318691

■ 4221516

■ 6974058

■ 3500612

■ 7694962

■ 2845245

■ 8350329

■ 2124341

■ 9071233

■ 1403438

■ 9792136

■ 748070

■ 10447504

■ 27166

■ 11168408

■ 11823775

Harmonies

Analogous

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



6383699



5597787



5008229

Triad

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



5597787



5924474



8019546

Complementary

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



5597787



6968676

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.



8019556



5597787



6840950

Square

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



5597787



5138807



7561071



7692627

Rectangle

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



5597787



4811628



7561071



8085085

Sweetspot

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



5597787



8489604



6580821



4212033



12895428



4539717

Same Dimension

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



5597787



6916722



5597797



3159602



29986



62790

Inverse Universe

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



6968676



9070976



6968666



3551284



7667796



16056495

Previews

White Background



This preview shows how the Decimal color 5597787 looks on a white background.

Color Contrast Check

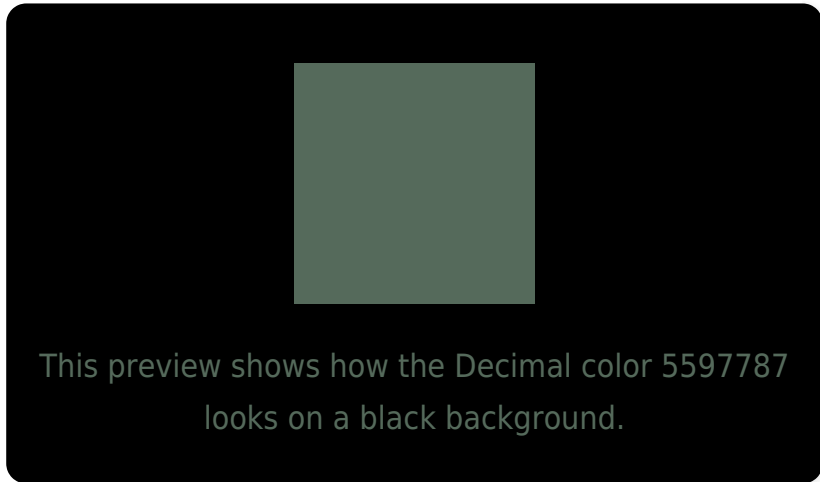
Large Text (above 18pt) WCAG AA ✓ Pass

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

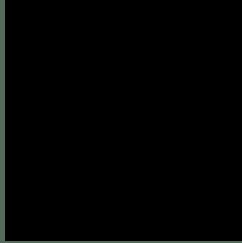
Any Text WCAG AA × Fail

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 5597787 Background



This preview shows how black text looks on a background with the Decimal color 5597787.



This preview shows how white text looks on a background with the Decimal color 5597787.

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](#).

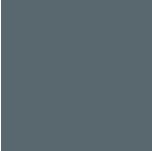
Dichromacy



Original Color
5597787

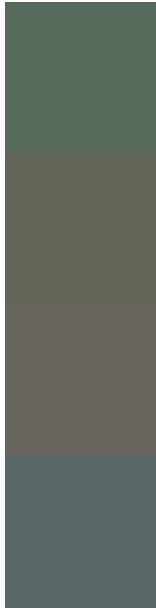
Protanopia
6906968

Deuteranopia
7430493



Tritanopia
5859183

Trichromacy



Original Color
5597787

Protanomaly
6448729

Deuteranomaly
6775900

Tritanomaly
5793896

Monochromacy



Original Color
5597787

Achromatopsia
6447714

Achromatomaly
6120799

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5597787 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 #556A5B looks like.

```
.text, #text, p{  
    color:#556A5B  
}
```

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 #556A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556A5B
}
```

Border

The CSS property to change the border of an element to Decimal 5597787 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
#556A5B }
```

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

```
.border{ border-color:#556A5B }
```

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

Here you see how a box with a 4 pixel #556A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556A5B; -webkit-box-shadow:4px 4px  
4px 4px #556A5B; box-shadow:4px 4px 4px  
4px #556A5B }
```

Background

The CSS property to change the background color of an element to Decimal 5597787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556A5B }
```

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

```
.background{ background-color:#556A5B }
```

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