

Converting Colors

Decimal(5988670)

Have a look what the booklet for
Decimal(5988670) contains.

Decimal(5988670)	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(5988670)

Conversions

Conversions Part 1

Format	Color
Hex	5B613E
RGB	91, 97, 62
RGB Percent	36%, 38%, 24%
CMY	0.6431, 0.6196, 0.7569
CMYK	0.06, 0.00, 0.36, 0.62
HSL	70°, 22%, 31%
HSV	70°, 36%, 38%
XYZ	9.4586, 11.1213, 6.2055
YIQ	91.2160, 7.6590, -12.1570

Conversions

Conversions Part 2

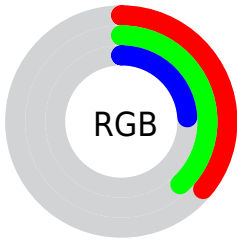
Format	Color
RYB	62, 97, 68
Decimal	5988670
CIELab	39.78, -8.75, 19.21
CIELCh	40, 21.109, 114.474
Yxy	11.1213, 0.3531, 0.4152
Android (android.graphics.Color)	4284178750 (0xFF5B613E)
YUV	91.2160, -14.4035, -0.1894
Hunter-Lab	33.3487, -7.7328, 12.3113

Details

The Decimal color **5988670** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4472417**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9344110**, and **2896659** is the 20% darker color. If you saturate the color by 10%, you get **5857588**, and if you desaturate by 10%, it is **6119752**.

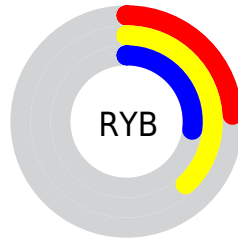
Distribution



Red (36%)

Green (38%)

Blue (24%)



Red (24%)

Yellow (38%)

Blue (27%)

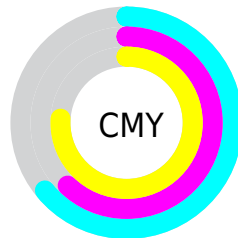


Cyan (6%)

Magenta (0%)

Yellow (36%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5988670 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 5988670 by changing the saturation by 10% instead.



5988670



5988670

16777215



4409640



9344110



2896659



11054727



1646080



12896930



0



14739133



16580569



16777205



5988670



5988670



5857588



6119752

■ 5792043

■ 6185297

■ 5660961

■ 6316379

■ 5529879

■ 6447461

■ 5464333

■ 6513006

■ 5333252

■ 6644088

■ 5267712

■ 6775170

■ 6840716

■ 6971797

Harmonies

Analogous

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



7167035



5988670



4678985

Triad

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



5988670



2778489



8212834

Complementary

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



5988670



4472417

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.



7427442



5988670



4350080

Square

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



5988670



2385771



6052477



8409680

Rectangle

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



5988670



3761748



6052477



8016487

Sweetspot

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



5988670



8093039



6374462



4079671



12566463



4210752

Same Dimension

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



5988670



7634247



4874558



3158060



6123520



13103104

Inverse Universe

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



4472417



5261181



5586529



2894896



1245296



2687216

Previews

White Background



This preview shows how the Decimal color 5988670 looks on a white background.

Color Contrast Check

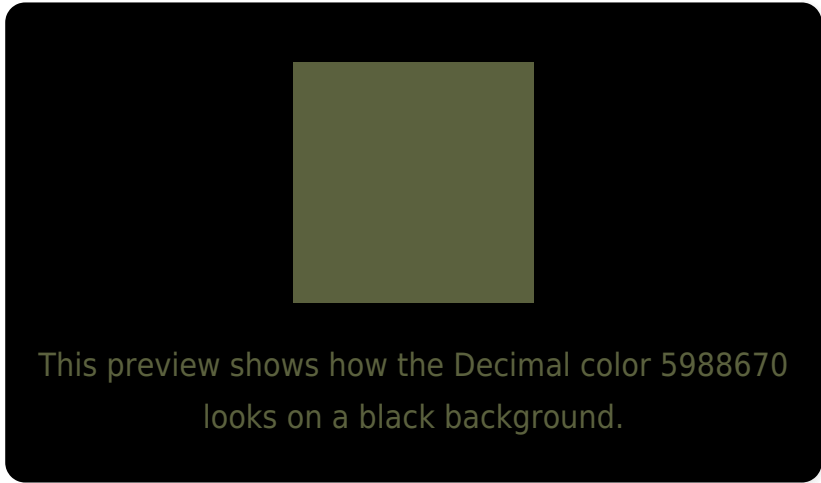
Large Text (above 18pt) WCAG AA ✓ Pass

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

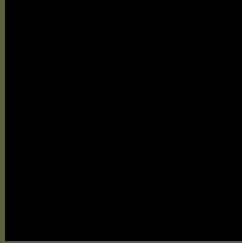
Any Text WCAG AA × Fail

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 5988670 Background



This preview shows how black text looks on a background with the Decimal color 5988670.



This preview shows how white text looks on a background with the Decimal color 5988670.

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
5988670

Protanopia
6708797

Deuteranopia
7363136



Tritanopia
6315108

Trichromacy



Original Color
5988670

Protanomaly
6446909

Deuteranomaly
6839615

Tritanomaly
6184534

Monochromacy



Original Color
5988670

Achromatopsia
5987163

Achromatomaly
5987664

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5988670 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 #5B613E looks like.

```
.text, #text, p{  
  color:#5B613E  
}
```

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 #5B613E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B613E
}
```

Border

The CSS property to change the border of an element to Decimal 5988670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

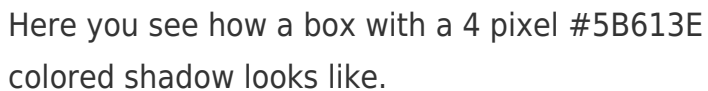
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B613E }
```

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

```
.border{ border-color:#5B613E }
```

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



Here you see how a box with a 4 pixel #5B613E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B613E; -webkit-box-shadow:4px 4px  
4px 4px #5B613E; box-shadow:4px 4px 4px  
4px #5B613E }
```

Background

The CSS property to change the background color of an element to Decimal 5988670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B613E }
```

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

```
.background{ background-color:#5B613E }
```

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