

Converting Colors

Decimal(5988677)

Have a look what the booklet for
Decimal(5988677) contains.

Decimal(5988677)	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(5988677)

Conversions

Conversions Part 1

Format	Color
Hex	5B6145
RGB	91, 97, 69
RGB Percent	36%, 38%, 27%
CMY	0.6431, 0.6196, 0.7294
CMYK	0.06, 0.00, 0.29, 0.62
HSL	73°, 17%, 33%
HSV	73°, 29%, 38%
XYZ	9.6633, 11.2032, 7.2834
YIQ	92.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

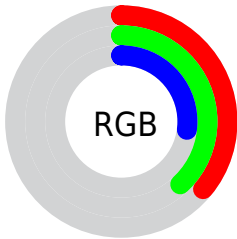
Format	Color
RYB	69, 97, 75
Decimal	5988677
CIELab	39.92, -7.67, 15.23
CIELCh	40, 17.052, 116.747
Yxy	11.2032, 0.3433, 0.3980
Android (android.graphics.Color)	4284178757 (0xFF5B6145)
YUV	92.0140, -11.3459, -0.8893
Hunter-Lab	33.4712, -7.0410, 10.5283

Details

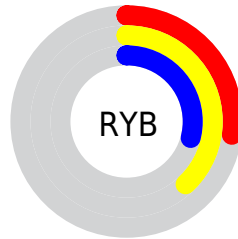
The Decimal color **5988677** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4932961**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9278581**, and **2962201** is the 20% darker color. If you saturate the color by 10%, you get **5857595**, and if you desaturate by 10%, it is **6119759**.

Distribution



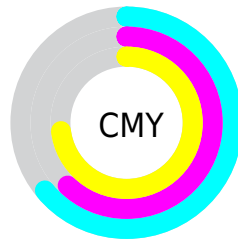
- Red (36%)
- Green (38%)
- Blue (27%)



- Red (27%)
- Yellow (38%)
- Blue (29%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5988677 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 5988677 by changing the saturation by 10% instead.



5988677



5988677

16777215



4409647



9278581



2962201



11054735



1646080



12831402



0



14673605



16580577

16777214



5988677



5988677



5857595



6119759

■ 5726514

■ 6250840

■ 5595432

■ 6381922

■ 5464350

■ 6513004

■ 5333268

■ 6644085

■ 5202187

■ 6775167

■ 5005569

■ 6971785

■ 5005568

■ 7102867

■ 7233948

Harmonies

Analogous

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



6970690



5988677



4940878

Triad

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



5988677



3826805



7885920

Complementary

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



5988677



4932961

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.



7296877



5988677



4939898

Square

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



5988677



3434090



6183799



8017234

Rectangle

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



5988677



4285783



6183799



7755109

Sweetspot

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



5988677



8093042



6376261



4079673



12566463



4210752

Same Dimension

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



5988677



7634257



5071173



3092524



5795840



12382208

Inverse Universe

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



4932961



5984637



5850465



2960432



1572976



3342576

Previews

White Background



This preview shows how the Decimal color 5988677 looks on a white background.

Color Contrast Check

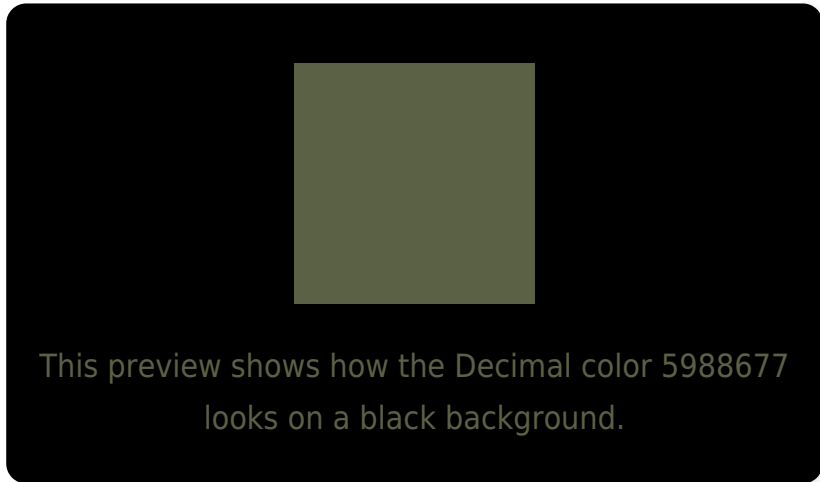
Large Text (above 18pt) WCAG AA ✓ Pass

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

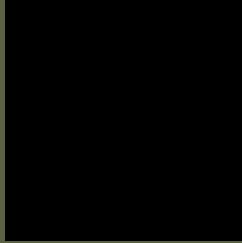
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

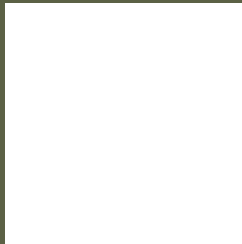
Any Text WCAG AAA × Fail

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

Decimal 5988677 Background



This preview shows how black text looks on a background with the Decimal color 5988677.



This preview shows how white text looks on a background with the Decimal color 5988677.

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
5988677

Protanopia
6643268

Deuteranopia
7297606



Tritanopia
6249828

Trichromacy



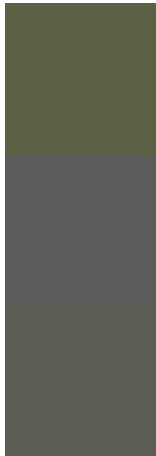
Original Color
5988677

Protanomaly
6381380

Deuteranomaly
6839622

Tritanomaly
6184537

Monochromacy



Original Color
5988677

Achromatopsia
6052956

Achromatomaly
6053460

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5988677 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 #5B6145 looks like.

```
.text, #text, p{  
    color:#5B6145  
}
```

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 #5B6145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6145
}
```

Border

The CSS property to change the border of an element to Decimal 5988677 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".

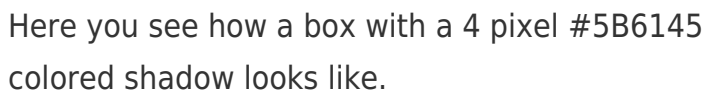
```
.border, #border, table{ border:4px solid
#5B6145 }
```

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

```
.border{ border-color:#5B6145 }
```

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

Here you see how a box with a 4 pixel #5B6145 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6145; -webkit-box-shadow:4px 4px  
4px 4px #5B6145; box-shadow:4px 4px 4px  
4px #5B6145 }
```

Background

The CSS property to change the background color of an element to Decimal 5988677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6145 }
```

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

```
.background{ background-color:#5B6145 }
```

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