

# Converting Colors

Decimal(5988678)

Have a look what the booklet for  
Decimal(5988678) contains.

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# Color

**Decimal(5988678)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6146
RGB	91, 97, 70
RGB Percent	36%, 38%, 27%
CMY	0.6431, 0.6196, 0.7255
CMYK	0.06, 0.00, 0.28, 0.62
HSL	73°, 16%, 33%
HSV	73°, 28%, 38%
XYZ	9.6946, 11.2157, 7.4482
YIQ	92.1280, 5.0910, -9.6690

# Conversions

## Conversions Part 2

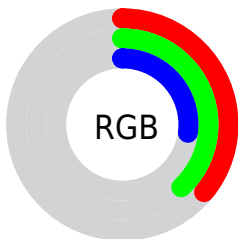
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>70, 97, 76</b>
Decimal	5988678
CIE Lab	39.94, -7.51, 14.66
CIE LCh	40, 16.469, 117.139
Yxy	11.2157, 0.3419, 0.3955
Android (android.graphics.Color)	4284178758 (0xFF5B6146)
YUV	92.1280, -10.9091, -0.9893
Hunter-Lab	33.4899, -6.9356, 10.2567

# Details

The Decimal color **5988678** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4998753**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9278582**, and **2962202** is the 20% darker color. If you saturate the color by 10%, you get **5857596**, and if you desaturate by 10%, it is **6119760**.

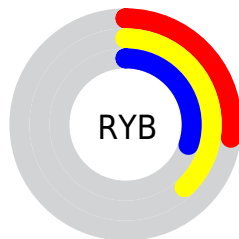
# Distribution



Red (36%)

Green (38%)

Blue (27%)



Red (27%)

Yellow (38%)

Blue (30%)

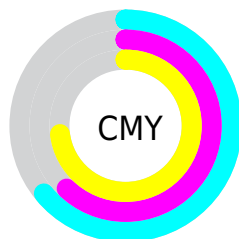


Cyan (6%)

Magenta (0%)

Yellow (28%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5988678 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 5988678 by changing the saturation by 10% instead.



■ 5988678

■ 5988678

16777215

■ 4409647

■ 9278582

■ 2962202

■ 11054736

■ 1646080

■ 12831403

■ 0

■ 14673606

■ 16580578

■ 5988678

■ 5988678

■ 5857596

■ 6119760

■ 5726515

■ 6250841

■ 5595433

■ 6381923

■ 5398815

■ 6578541

■ 5267734

■ 6709623

■ 5136652

■ 6840704

■ 5005570

■ 6971786

■ 4940032

■ 7102868

■ 7233949

# Harmonies

## Analogous

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



6905155



5988678



5006415

# Triad

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



5988678



3957620



7885920

# Complementary

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



5988678



4998753

# 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.



7231341



5988678



5005433

# Square

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



5988678



3630442



6249334



7951698

# Rectangle

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



5988678



4351320



6249334



7689572



# Sweetspot

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



5988678



8093043



6376518



4079673



12566463



4210752



# Same Dimension

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



5988678



7634260



5136710



3092524



5730304



12251136



# Inverse Universe

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



4998753



6116477



5850721



2960432



1638512



3473648



# Previews

## White Background



This preview shows how the Decimal color 5988678 looks on a white background.

## Color Contrast Check

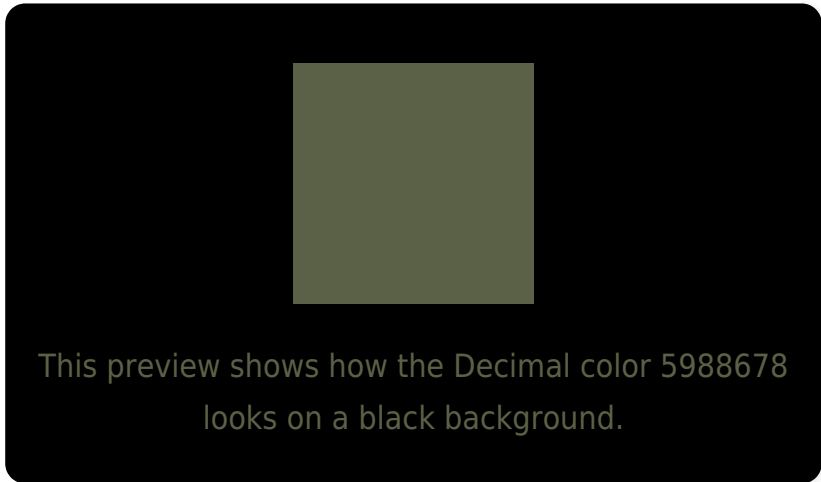
Large Text (above 18pt) WCAG AA ✓ Pass

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

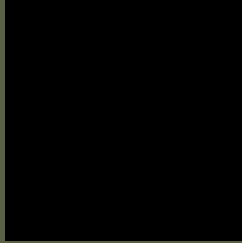
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

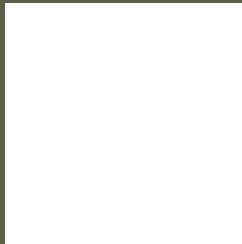
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5988678 Background



This preview shows how black text looks on a background with the Decimal color 5988678.

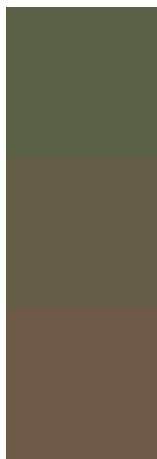


This preview shows how white text looks on a background with the Decimal color 5988678.

# 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**  
5988678

**Protanopia**  
6643269

**Deuteranopia**  
7297607



**Tritanopia**  
6249828

# Trichromacy



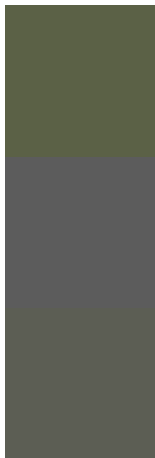
**Original Color**  
5988678

**Protanomaly**  
6381381

**Deuteranomaly**  
6839623

**Tritanomaly**  
6184537

# Monochromacy



**Original Color**  
5988678

**Achromatopsia**  
6052956

**Achromatomaly**  
6053460

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5988678 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 #5B6146 looks like.

```
.text, #text, p{  
    color:#5B6146  
}
```

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 #5B6146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6146
}
```

## Border

The CSS property to change the border of an element to Decimal 5988678 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
#5B6146 }
```

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

```
.border{ border-color:#5B6146 }
```

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

Here you see how a box with a 4 pixel #5B6146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6146; -webkit-box-shadow:4px 4px  
4px 4px #5B6146; box-shadow:4px 4px 4px  
4px #5B6146 }
```

# Background

The CSS property to change the background color of an element to Decimal 5988678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6146 }
```

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

```
.background{ background-color:#5B6146 }
```

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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