

# Converting Colors

Decimal(5993318)

Have a look what the booklet for  
Decimal(5993318) contains.

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# Color

**Decimal(5993318)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B7366
RGB	91, 115, 102
RGB Percent	36%, 45%, 40%
CMY	0.6431, 0.5490, 0.6000
CMYK	0.21, 0.00, 0.11, 0.55
HSL	148°, 12%, 40%
HSV	148°, 21%, 45%
XYZ	12.8434, 15.4449, 14.8746
YIQ	106.3420, -10.1310, -9.1310

# Conversions

## Conversions Part 2

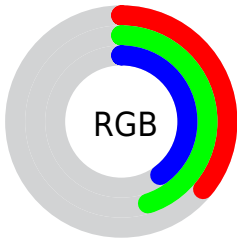
Format	Color
R <sub>Y</sub> B	91, 107, 115
Decimal	5993318
CIE Lab	46.24, -11.69, 4.30
CIE LCh	46, 12.455, 159.798
Yxy	15.4449, 0.2976, 0.3578
Android (android.graphics.Color)	4284183398 (0xFF5B7366)
YUV	106.3420, -2.1406, -13.4549
Hunter-Lab	39.3000, -10.4406, 5.0694

# Details

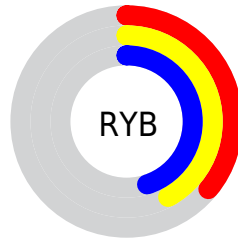
The Decimal color **5993318** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7560040**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **9283481**, and **2966327** is the 20% darker color. If you saturate the color by 10%, you get **5272416**, and if you desaturate by 10%, it is **6779756**.

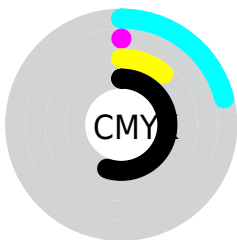
# Distribution



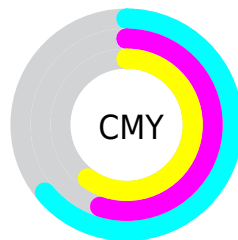
- Red (36%)
- Green (45%)
- Blue (40%)



- Red (36%)
- Yellow (42%)
- Blue (45%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (64%)
- Magenta (55%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5993318 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 5993318 by changing the saturation by 10% instead.





5993318



5993318

16777215



4414030



9283481



2966327



11059892



1518882



12836559



6412



14679019



0



16580607



5993318



5993318



5272416



6779756



4485978



7500658

■ 3765075

■ 8287097

■ 2978637

■ 9007999

■ 2192199

■ 9728901

■ 1471297

■ 10515339

■ 684858

■ 11301778

■ 29493

■ 12022680

■ 12809118

# Harmonies

## Analogous

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



6713693



5993318



5469297

# Triad

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



5993318



6712706



8546401

# Complementary

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



5993318



7560040

# 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.



8611434



5993318



7629438

# Square

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



5993318



5927297



8284021



8153690

# Rectangle

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



5993318



5403511



8284021



8611684



# Sweetspot

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



5993318



9279122



6845275



4672842



13421772



5066061



# Same Dimension

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



5993318



7444098



5993330



3488567



31288



64115



# Inverse Universe

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



7560040



9859461



7560028



3880248



7995458



16384135



# Previews

## White Background



This preview shows how the Decimal color 5993318 looks on a white background.

## Color Contrast Check

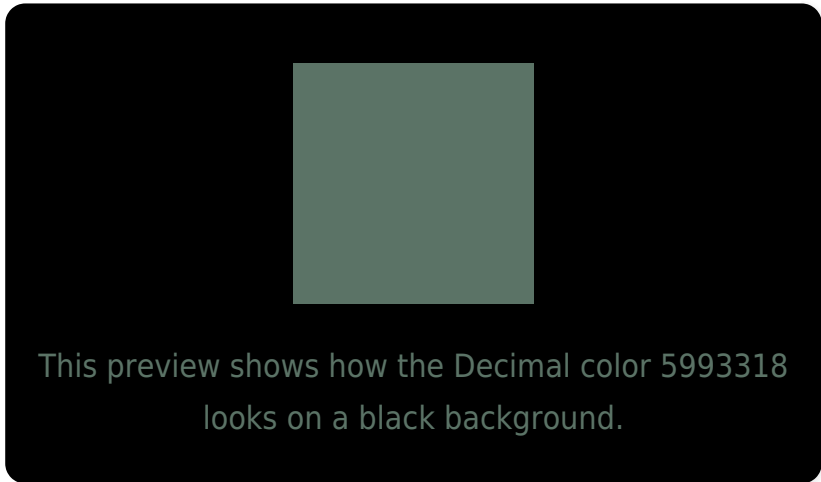
Large Text (above 18pt) WCAG AA ✓ Pass

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

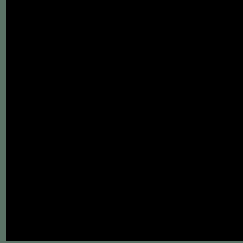
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5993318 Background



This preview shows how black text looks on a background with the Decimal color 5993318.



This preview shows how white text looks on a background with the Decimal color 5993318.

# 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](#).

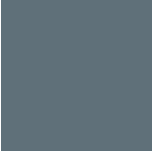
## Dichromacy



**Original Color**  
5993318

**Protanopia**  
7499107

**Deuteranopia**  
8022632



**Tritanopia**  
6254713

# Trichromacy



**Original Color**  
5993318

**Protanomaly**  
6975332

**Deuteranomaly**  
7302503

**Tritanomaly**  
6189426

# Monochromacy



**Original Color**  
5993318

**Achromatopsia**  
6974058

**Achromatomaly**  
6647145

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5993318 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 #5B7366 looks like.

```
.text, #text, p{  
    color:#5B7366  
}
```

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 #5B7366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7366
}
```

## Border

The CSS property to change the border of an element to Decimal 5993318 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
#5B7366 }
```

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

```
.border{ border-color:#5B7366 }
```

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

Here you see how a box with a 4 pixel #5B7366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7366; -webkit-box-shadow:4px 4px  
4px 4px #5B7366; box-shadow:4px 4px 4px  
4px #5B7366 }
```

# Background

The CSS property to change the background color of an element to Decimal 5993318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7366 }
```

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

```
.background{ background-color:#5B7366 }
```

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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