

# Converting Colors

Decimal(5998198)

Have a look what the booklet for  
Decimal(5998198) contains.

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**Color**

**Decimal(5998198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B8676
RGB	91, 134, 118
RGB Percent	36%, 53%, 46%
CMY	0.6431, 0.4745, 0.5373
CMYK	0.32, 0.00, 0.12, 0.47
HSL	158°, 19%, 44%
HSV	158°, 32%, 53%
XYZ	16.1095, 20.5823, 20.2633
YIQ	119.3190, -20.4920, -14.0920

# Conversions

## Conversions Part 2

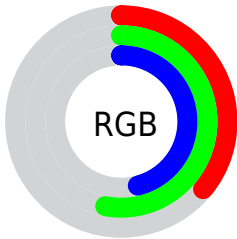
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 117, 134
Decimal	5998198
CIE <sub>Lab</sub>	52.49, -18.51, 3.90
CIE <sub>LCh</sub>	52, 18.913, 168.103
Yxy	20.5823, 0.2828, 0.3614
Android (android.graphics.Color)	4284188278 (0xFF5B8676)
YUV	119.3190, -0.6503, -24.8358
Hunter-Lab	45.3678, -16.0106, 5.2759

# Details

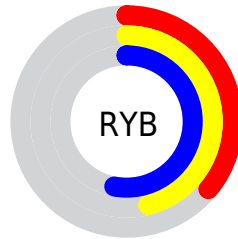
The Decimal color **5998198** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8805227**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9354154**, and **2839622** is the 20% darker color. If you saturate the color by 10%, you get **5146225**, and if you desaturate by 10%, it is **6850171**.

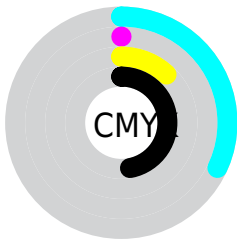
# Distribution



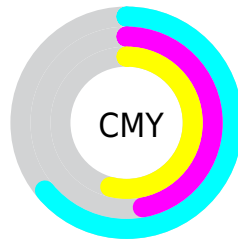
- Red (36%)
- Green (53%)
- Blue (46%)



- Red (36%)
- Yellow (46%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5998198 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 5998198 by changing the saturation by 10% instead.





5998198



5998198

16777215



4353373



9354154



2839622



11130821



1195311



12973281



10011



14811134



4096

16711679



0



5998198



5998198



5146225



6850171



4228716



7767680

■ 3376743

■ 8619653

■ 2459234

■ 9537162

■ 1607261

■ 10389135

■ 755288

■ 11241108

■ 34388

■ 12158617

■ 13010590

■ 13928099

# Harmonies

## Analogous

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



7177319



5998198



5277319

# Triad

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



5998198



7830428



10188134

# Complementary

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



5998198



8805227

# 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.



10449524



5998198



9205395

# Square

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



5998198



6390173



10121860



9402974

# Rectangle

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



5998198



5211537



10121860



10318954



# Sweetspot

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



5998198



10268071



7046747



5003091



14079702



5723991



# Same Dimension

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



5998198



6991252



5996934



3949120



33362



770



# Inverse Universe

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



8805227



11364995



8806491



4340798



8519728



196609



# Previews

## White Background



This preview shows how the Decimal color 5998198 looks on a white background.

## Color Contrast Check

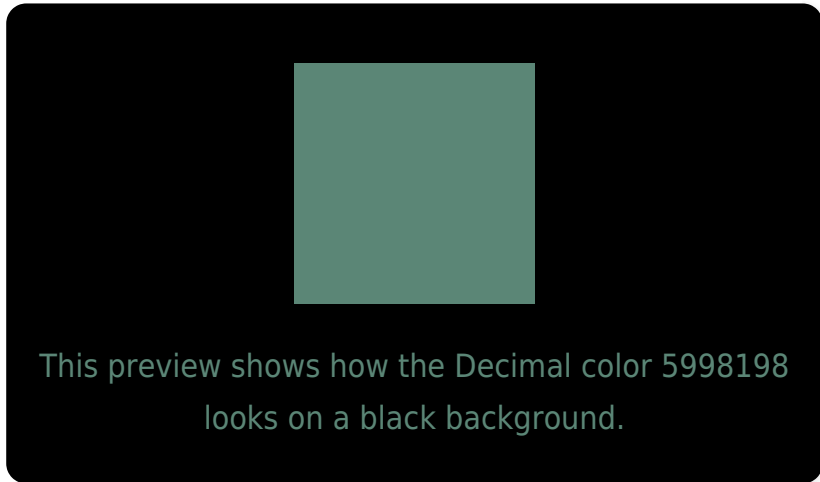
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

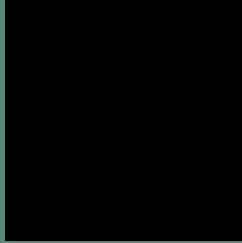
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5998198 Background



This preview shows how black text looks on a background with the Decimal color 5998198.

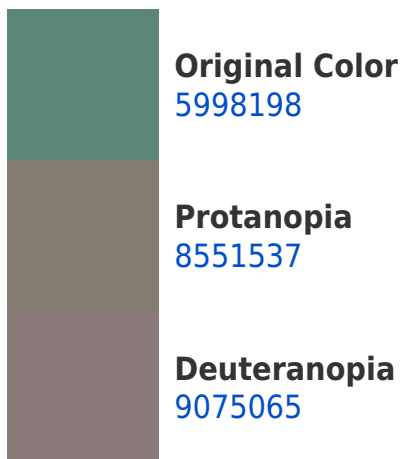



This preview shows how white text looks on a background with the Decimal color 5998198.

# 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





**Tritanopia**  
6325133

# Trichromacy



**Original Color**  
5998198

**Protanomaly**  
7635059

**Deuteranomaly**  
7962232

**Tritanomaly**  
6194309

# Monochromacy



**Original Color**  
5998198

**Achromatopsia**  
7829367

**Achromatomaly**  
7175287

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5998198 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 #5B8676 looks like.

```
.text, #text, p{  
  color:#5B8676  
}
```

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 #5B8676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8676
}
```

## Border

The CSS property to change the border of an element to Decimal 5998198 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
#5B8676 }
```

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

```
.border{ border-color:#5B8676 }
```

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

Here you see how a box with a 4 pixel #5B8676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8676; -webkit-box-shadow:4px 4px  
4px 4px #5B8676; box-shadow:4px 4px 4px  
4px #5B8676 }
```

# Background

The CSS property to change the background color of an element to Decimal 5998198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8676 }
```

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

```
.background{ background-color:#5B8676 }
```

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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