

# Converting Colors

Decimal(5996648)

Have a look what the booklet for  
Decimal(5996648) contains.

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**Color**

**Decimal(5996648)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B8068
RGB	91, 128, 104
RGB Percent	36%, 50%, 41%
CMY	0.6431, 0.4980, 0.5922
CMYK	0.29, 0.00, 0.19, 0.50
HSL	141°, 17%, 43%
HSV	141°, 29%, 50%
XYZ	14.5322, 18.6620, 15.9329
YIQ	114.2010, -14.3480, -15.3080

# Conversions

## Conversions Part 2

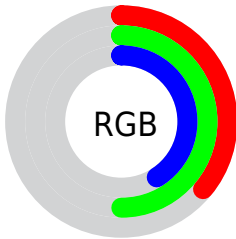
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 118, 128
Decimal	5996648
CIELab	50.29, -18.37, 8.90
CIElCh	50, 20.410, 154.147
Yxy	18.6620, 0.2958, 0.3799
Android (android.graphics.Color)	4284186728 (0xFF5B8068)
YUV	114.2010, -5.0291, -20.3473
Hunter-Lab	43.1995, -15.5520, 8.3722

# Details

The Decimal color **5996648** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8412019**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9352603**, and **2838329** is the 20% darker color. If you saturate the color by 10%, you get **5144672**, and if you desaturate by 10%, it is **6848624**.

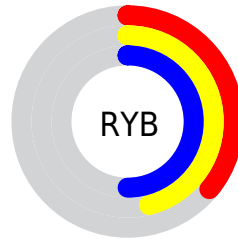
# Distribution



Red (36%)

Green (50%)

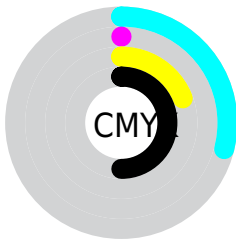
Blue (41%)



Red (36%)

Yellow (46%)

Blue (50%)

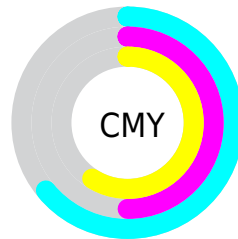


Cyan (29%)

Magenta (0%)

Yellow (19%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5996648 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 5996648 by changing the saturation by 10% instead.



 5996648


 5996648

16777215

 4417360

 9352603

 2838329

 11129270

 1390627

 12905938

 8718

 14745582

 512

 16646143

 0

 5996648

 5996648

 5144672

 6848624

 4292695

 7700601

■ 3506255

■ 8487041

■ 2654279

■ 9339017

■ 1802302

■ 10190994

■ 950326

■ 11042970

■ 98350

■ 11894946

■ 32813

■ 12681386

■ 13533363

# Harmonies

## Analogous

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



7306331



5996648



4882810

# Triad

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



5996648



6650010



10120549

# Complementary

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



5996648



8412019

# 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.



10120054



5996648



8221332

# Square

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



5996648



5209750



9465223



9531737

# Rectangle

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



5996648



4489605



9465223



10185834



# Sweetspot

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



5996648



9938588



7569499



4936782



13948116



5526612



# Same Dimension

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



5996648



7120512



5996666



3751996



32813



0



# Inverse Universe

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



8412019



10906769



8412001



4208958



8388691



0



# Previews

## White Background



This preview shows how the Decimal color 5996648 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



This preview shows how the Decimal color 5996648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

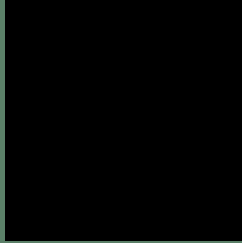
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5996648 Background



This preview shows how black text looks on a background with the Decimal color 5996648.

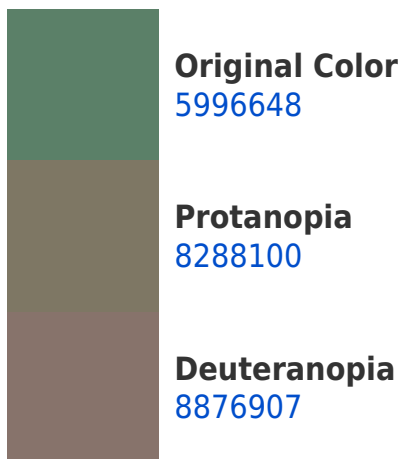


This preview shows how white text looks on a background with the Decimal color 5996648.

# 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**  
6388870

# Trichromacy



**Original Color**  
5996648

**Protanomaly**  
7436901

**Deuteranomaly**  
7829610

**Tritanomaly**  
6258043

# Monochromacy



**Original Color**  
5996648

**Achromatopsia**  
7500402

**Achromatomaly**  
6977390

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5996648 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 #5B8068 looks like.

```
.text, #text, p{  
    color:#5B8068  
}
```

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 #5B8068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8068
}
```

## Border

The CSS property to change the border of an element to Decimal 5996648 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
#5B8068 }
```

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

```
.border{ border-color:#5B8068 }
```

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

Here you see how a box with a 4 pixel #5B8068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8068; -webkit-box-shadow:4px 4px  
4px 4px #5B8068; box-shadow:4px 4px 4px  
4px #5B8068 }
```

# Background

The CSS property to change the background color of an element to Decimal 5996648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8068 }
```

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

```
.background{ background-color:#5B8068 }
```

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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