

# Converting Colors

Decimal(5997166)

Have a look what the booklet for  
Decimal(5997166) contains.

<b>Decimal(5997166)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5997166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B826E
RGB	91, 130, 110
RGB Percent	36%, 51%, 43%
CMY	0.6431, 0.4902, 0.5686
CMYK	0.30, 0.00, 0.15, 0.49
HSL	149°, 18%, 43%
HSV	149°, 30%, 51%
XYZ	15.1115, 19.3152, 17.6836
YIQ	116.0590, -16.8240, -14.4880

# Conversions

## Conversions Part 2

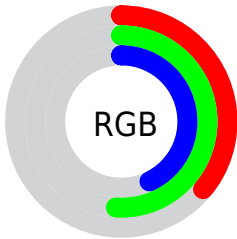
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 117, 130
Decimal	5997166
CIE <sub>Lab</sub>	51.05, -18.16, 6.49
CIE <sub>LCh</sub>	51, 19.282, 160.327
Yxy	19.3152, 0.2900, 0.3707
Android (android.graphics.Color)	4284187246 (0xFF5B826E)
YUV	116.0590, -2.9871, -21.9767
Hunter-Lab	43.9491, -15.5352, 6.9081

# Details

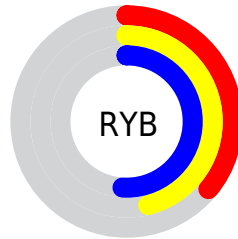
The Decimal color **5997166** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8543087**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **9353122**, and **2838590** is the 20% darker color. If you saturate the color by 10%, you get **5145191**, and if you desaturate by 10%, it is **6849141**.

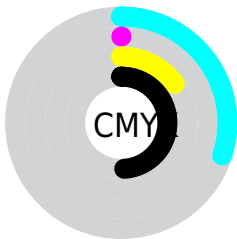
# Distribution



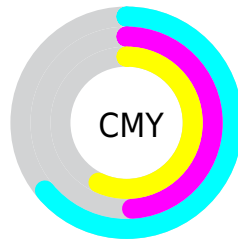
- Red (36%)
- Green (51%)
- Blue (43%)



- Red (36%)
- Yellow (46%)
- Blue (51%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (64%)
- Magenta (49%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5997166 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 5997166 by changing the saturation by 10% instead.



■ 5997166

■ 5997166

16777215

■ 4417878

■ 9353122

■ 2838590

■ 11129789

■ 1325353

■ 12906456

■ 8980

■ 14811125

■ 1792

■ 16646143

■ 0

■ 5997166

■ 5997166

■ 5145191

■ 6849141

■ 4293217

■ 7701115

■ 3441242

■ 8553090

■ 2589267

■ 9405065

■ 1737293

■ 10257039

■ 885318

■ 11109014

■ 33343

■ 11960989

■ 12812963

■ 13664938

# Harmonies

## Analogous

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



7241568



5997166



5079935

# Triad

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



5997166



7174554



10055781

# Complementary

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



5997166



8543087

# 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.



10186356



5997166



8614803

# Square

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



5997166



5734040



9662341



9401691

# Rectangle

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



5997166



4817546



9662341



10186602



# Sweetspot

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



5997166



10070177



7307867



4936783



13948116



5526612



# Same Dimension

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



5997166



7121033



5997185



3751996



32830



0



# Inverse Universe

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



8543087



11037835



8543068



4208957



8388673



0



# Previews

## White Background



This preview shows how the Decimal color 5997166 looks on a white background.

## Color Contrast Check

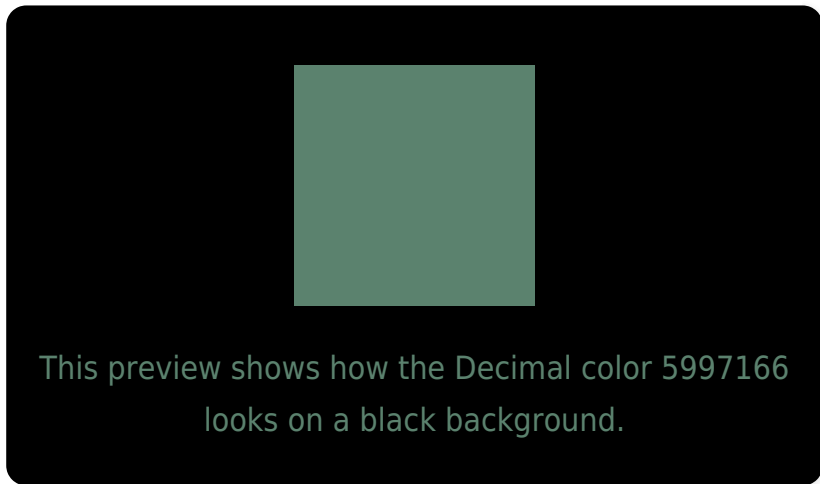
Large Text (above 18pt) WCAG AA ✓ Pass

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

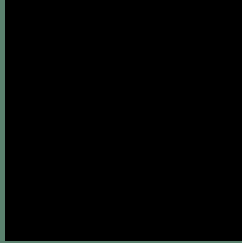
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5997166 Background



This preview shows how black text looks on a background with the Decimal color 5997166.

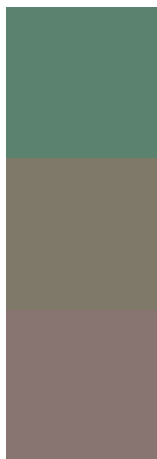


This preview shows how white text looks on a background with the Decimal color 5997166.

# 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**  
5997166

**Protanopia**  
8354153

**Deuteranopia**  
8942961



**Tritanopia**  
6323848

# Trichromacy



**Original Color**  
5997166

**Protanomaly**  
7502955

**Deuteranomaly**  
7895664

**Tritanomaly**  
6193023

# Monochromacy



**Original Color**  
5997166

**Achromatopsia**  
7631988

**Achromatomaly**  
7043442

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5997166 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 #5B826E looks like.

```
.text, #text, p{  
  color:#5B826E  
}
```

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 #5B826E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B826E
}
```

## Border

The CSS property to change the border of an element to Decimal 5997166 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
#5B826E }
```

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

```
.border{ border-color:#5B826E }
```

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

Here you see how a box with a 4 pixel #5B826E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B826E; -webkit-box-shadow:4px 4px  
4px 4px #5B826E; box-shadow:4px 4px 4px  
4px #5B826E }
```

# Background

The CSS property to change the background color of an element to Decimal 5997166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B826E }
```

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

```
.background{ background-color:#5B826E }
```

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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