

# Converting Colors

Decimal(5997880)

Have a look what the booklet for  
Decimal(5997880) contains.

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# Color

**Decimal(5997880)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 5B8538                      |
| RGB           | 91, 133, 56                 |
| RGB Percent   | 36%, 52%, 22%               |
| CMY           | 0.6431, 0.4784, 0.7804      |
| CMYK          | 0.32, 0.00, 0.58, 0.48      |
| HSL           | 93°, 41%, 37%               |
| HSV           | 93°, 58%, 52%               |
| XYZ           | 13.4157, 19.2847, 6.7566    |
| YIQ           | 111.6640, -0.3150, -32.8510 |

# Conversions

## Conversions Part 2

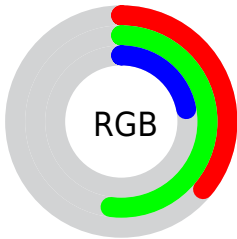
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">56, 133, 98</a>                      |
| Decimal                             | <a href="#">5997880</a>                          |
| CIELab                              | <a href="#">51.02, -28.54, 36.37</a>             |
| CIElCh                              | <a href="#">51, 46.231, 128.124</a>              |
| Yxy                                 | <a href="#">19.2847, 0.3400,<br/>0.4888</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284187960<br/>(0xFF5B8538)</a>      |
| YUV                                 | <a href="#">111.6640, -27.4424,<br/>-18.1223</a> |
| Hunter-Lab                          | <a href="#">43.9144, -22.3189,<br/>21.6178</a>   |

# Details

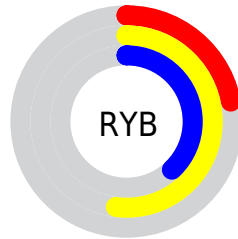
The Decimal color **5997880** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6436997**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **9484906**, and **2642693** is the 20% darker color. If you saturate the color by 10%, you get **5539115**, and if you desaturate by 10%, it is **6456645**.

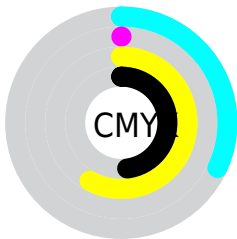
# Distribution



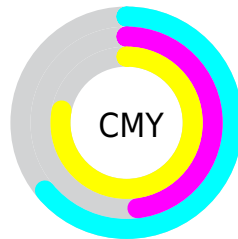
- Red (36%)
- Green (52%)
- Blue (22%)



- Red (22%)
- Yellow (52%)
- Blue (38%)



- Cyan (32%)
- Magenta (0%)
- Yellow (58%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5997880 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 5997880 by changing the saturation by 10% instead.





5997880



5997880

16777215



4353056



9484906



2642693



11261571



1129216



13104030



9728



14942137



1792



16777173



0



16777202



5997880



5997880



5539115



6456645

■ 5014813

■ 6980947

■ 4556048

■ 7439712

■ 4097283

■ 7898477

■ 3966208

■ 8357243

■ 8881544

■ 9340309

■ 9799074

■ 10257840

# Harmonies

## Analogous

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



8747814



5997880



1149787

# Triad

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



5997880



34498



12736112

# Complementary

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



5997880



6436997

# 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.



11689112



5997880



4356808

# Square

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



5997880



35753



9071544



12410443

# Rectangle

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



5997880



36214



9071544



12539518



# Sweetspot

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



5997880



10333584



8741176



5068613



14079702



5723991



# Same Dimension

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



5997880



7122230



3704123



4145724



3899904



66304



# Inverse Universe

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



6436997



7812781



8730754



4144194



4653186



65539



# Previews

## White Background



This preview shows how the Decimal color 5997880 looks on a white background.

## Color Contrast Check

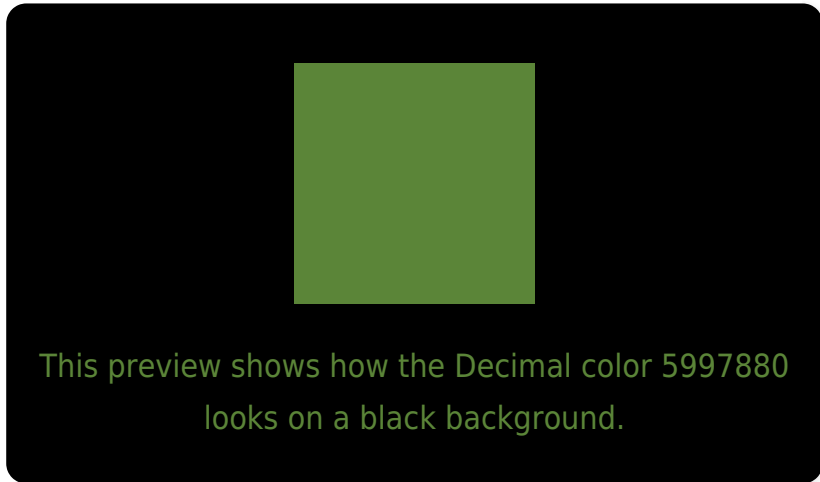
Large Text (above 18pt) WCAG AA ✓ Pass

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 5997880 Background



This preview shows how black text looks on a background with the Decimal color 5997880.



This preview shows how white text looks on a background with the Decimal color 5997880.

# 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





# Trichromacy



**Original Color**  
5997880

**Protanomaly**  
7830837

**Deuteranomaly**  
8419899

**Tritanomaly**  
6520938

# Monochromacy



**Original Color**  
5997880

**Achromatopsia**  
7368816

**Achromatomaly**  
6846556

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5997880 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 #5B8538 looks like.

```
.text, #text, p{  
    color:#5B8538  
}
```

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 #5B8538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8538
}
```

## Border

The CSS property to change the border of an element to Decimal 5997880 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
#5B8538 }
```

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

```
.border{ border-color:#5B8538 }
```

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

Here you see how a box with a 4 pixel #5B8538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8538; -webkit-box-shadow:4px 4px  
4px 4px #5B8538; box-shadow:4px 4px 4px  
4px #5B8538 }
```

# Background

The CSS property to change the background color of an element to Decimal 5997880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8538 }
```

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

```
.background{ background-color:#5B8538 }
```

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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