

# Converting Colors

Decimal(5997148)

Have a look what the booklet for  
Decimal(5997148) contains.

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# Color

**Decimal(5997148)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B825C
RGB	91, 130, 92
RGB Percent	36%, 51%, 36%
CMY	0.6431, 0.4902, 0.6392
CMYK	0.30, 0.00, 0.29, 0.49
HSL	122°, 18%, 43%
HSV	122°, 30%, 51%
XYZ	14.2288, 18.9621, 13.0353
YIQ	114.0070, -11.0460, -20.0860

# Conversions

## Conversions Part 2

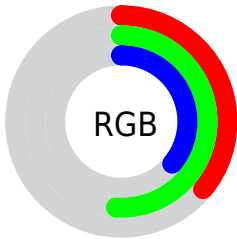
Format	Color
<b>R<sub>YB</sub></b>	91, 129, 130
Decimal	5997148
CIE <sub>Lab</sub>	50.64, -21.76, 16.33
CIE <sub>LCh</sub>	51, 27.210, 143.119
Yxy	18.9621, 0.3078, 0.4102
Android (android.graphics.Color)	4284187228 (0xFF5B825C)
YUV	114.0070, -10.8495, -20.1771
Hunter-Lab	43.5455, -17.8786, 12.7334

# Details

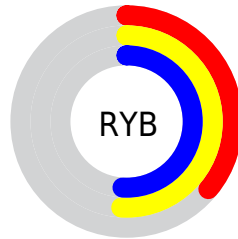
The Decimal color **5997148** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8543105**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9353102**, and **2838574** is the 20% darker color. If you saturate the color by 10%, you get **5145167**, and if you desaturate by 10%, it is **6849129**.

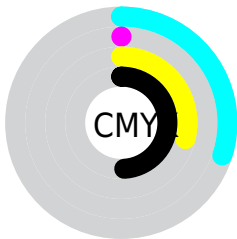
# Distribution



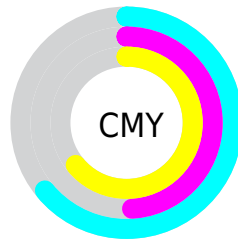
- Red (36%)
- Green (51%)
- Blue (36%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5997148 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 5997148 by changing the saturation by 10% instead.





5997148



5997148

16777215



4417860



9353102



2838574



11129769



1325337



12971972



8960



14811104



1024



16711677



0



5997148



5997148



5145167



6849129



4293187



7701109

■ 3441206

■ 8553090

■ 2589225

■ 9405071

■ 1737245

■ 10257051

■ 885264

■ 11109032

■ 33283

■ 11961013

■ 12812993

■ 13664974

# Harmonies

## Analogous

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



7765325



5997148



4097394

# Triad

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



5997148



5209254



10905704

# Complementary

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



5997148



8543105

# 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.



10643327



5997148



7632291

# Square

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



5997148



2917021



9530517



10382676

# Rectangle

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



5997148



2917762



9530517



10905455



# Sweetspot

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



5997148



10070170



8487515



4936779



13948116



5526612



# Same Dimension

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



5997148



7121005



5997167



3751994



32771



0



# Inverse Universe

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



8543105



11037863



8543086



4208960



8388732



0



# Previews

## White Background



This preview shows how the Decimal color 5997148 looks on a white background.

## Color Contrast Check

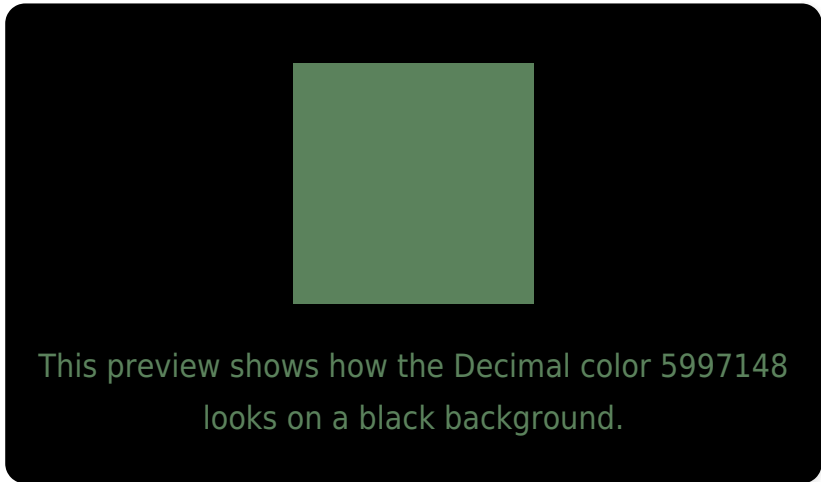
Large Text (above 18pt) WCAG AA ✓ Pass

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

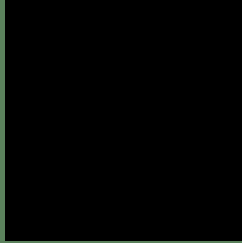
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5997148 Background



This preview shows how black text looks on a background with the Decimal color 5997148.



This preview shows how white text looks on a background with the Decimal color 5997148.

# 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**  
5997148

**Protanopia**  
8484952

**Deuteranopia**  
9204575



**Tritanopia**  
6520199

# Trichromacy



**Original Color**  
5997148

**Protanomaly**  
7568473

**Deuteranomaly**  
8026206

**Tritanomaly**  
6324087

# Monochromacy



**Original Color**  
5997148

**Achromatopsia**  
7500402

**Achromatomaly**  
6977642

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5997148 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 #5B825C looks like.

```
.text, #text, p{  
    color:#5B825C  
}
```

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 #5B825C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B825C
}
```

## Border

The CSS property to change the border of an element to Decimal 5997148 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
#5B825C }
```

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

```
.border{ border-color:#5B825C }
```

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

Here you see how a box with a 4 pixel #5B825C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B825C; -webkit-box-shadow:4px 4px  
4px 4px #5B825C; box-shadow:4px 4px 4px  
4px #5B825C }
```

# Background

The CSS property to change the background color of an element to Decimal 5997148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B825C }
```

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

```
.background{ background-color:#5B825C }
```

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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