

# Converting Colors

Decimal(5868642)

Have a look what the booklet for  
Decimal(5868642) contains.

<b>Decimal(5868642)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(5868642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	598C62
RGB	89, 140, 98
RGB Percent	35%, 55%, 38%
CMY	0.6510, 0.4510, 0.6157
CMYK	0.36, 0.00, 0.30, 0.45
HSL	131°, 22%, 45%
HSV	131°, 36%, 55%
XYZ	15.7025, 21.7619, 14.9281
YIQ	119.9630, -16.9140, -23.8740

# Conversions

## Conversions Part 2

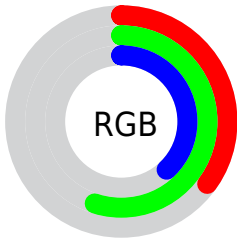
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 132, 140
Decimal	5868642
CIE <sub>Lab</sub>	53.77, -26.39, 17.17
CIE <sub>LCh</sub>	54, 31.486, 146.952
Yxy	21.7619, 0.2997, 0.4154
Android (android.graphics.Color)	4284058722 (0xFF598C62)
YUV	119.9630, -10.8278, -27.1546
Hunter-Lab	46.6496, -21.5527, 13.6816

# Details

The Decimal color **5868642** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9197955**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9290389**, and **2578739** is the 20% darker color. If you saturate the color by 10%, you get **4951126**, and if you desaturate by 10%, it is **6786158**.

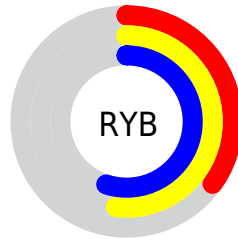
# Distribution



Red (35%)

Green (55%)

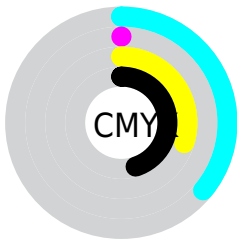
Blue (38%)



Red (35%)

Yellow (52%)

Blue (55%)

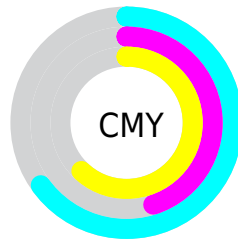


Cyan (36%)

Magenta (0%)

Yellow (30%)

Black (45%)



Cyan (65%)

Magenta (45%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5868642 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 5868642 by changing the saturation by 10% instead.





5868642



5868642

16777215



4223562



9290389



2578739



11067056



868893



12843979



11014



14745575



5632



16646143



0



5868642



5868642



4951126



6786158



4033611



7703673

■ 3116095

■ 8621189

■ 2198580

■ 9538704

■ 1281064

■ 10456220

■ 363549

■ 11373735

■ 35865

■ 12291251

■ 13208766

■ 14126282

# Harmonies

## Analogous

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



7964239



5868642



3379069

# Triad

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



5868642



5473462



11890025

# Complementary

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



5868642



9197955

# 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.



11692932



5868642



8420273

# Square

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



5868642



2001837



10514846



11170900

# Rectangle

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



5868642



1281935



10514846



11889778



# Sweetspot

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



5868642



10597797



8686681



5266514



14408667



6052956



# Same Dimension

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



5868642



6665587



5868667



4080959



34071



1281



# Inverse Universe

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



9197955



11888039



9197930



4537924



8716397



327684



# Previews

## White Background



This preview shows how the Decimal color 5868642 looks on a white background.

## Color Contrast Check

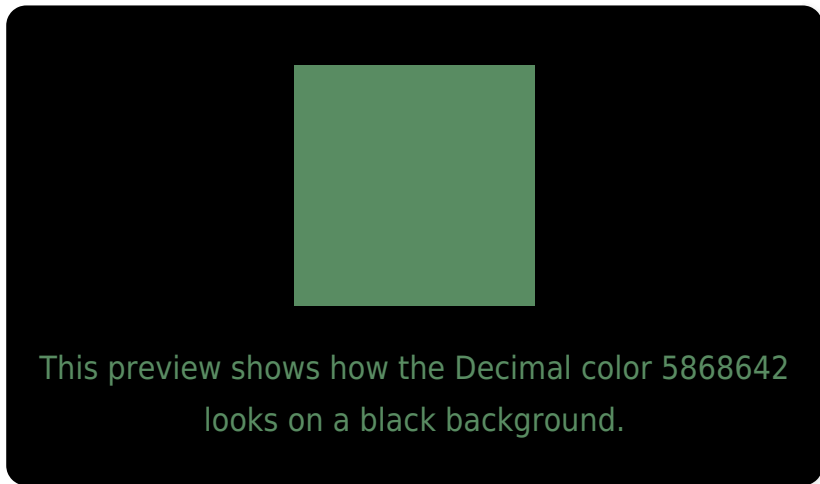
Large Text (above 18pt) WCAG AA ✓ Pass

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

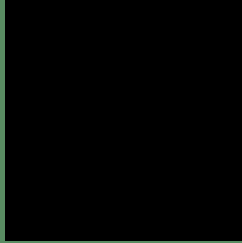
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5868642 Background



This preview shows how black text looks on a background with the Decimal color 5868642.

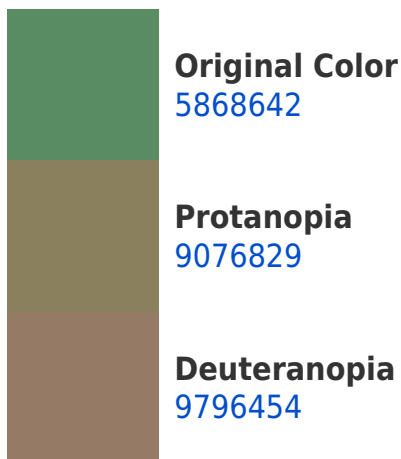



This preview shows how white text looks on a background with the Decimal color 5868642.

# 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**  
6456977

# Trichromacy



**Original Color**  
5868642

**Protanomaly**  
7898207

**Deuteranomaly**  
8356197

**Tritanomaly**  
6260864

# Monochromacy



**Original Color**  
5868642

**Achromatopsia**  
7895160

**Achromatomaly**  
7176048

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5868642 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 #598C62 looks like.

```
.text, #text, p{  
    color:#598C62  
}
```

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 #598C62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598C62
}
```

## Border

The CSS property to change the border of an element to Decimal 5868642 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
#598C62 }
```

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

```
.border{ border-color:#598C62 }
```

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

Here you see how a box with a 4 pixel #598C62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598C62; -webkit-box-shadow:4px 4px  
4px 4px #598C62; box-shadow:4px 4px 4px  
4px #598C62 }
```

# Background

The CSS property to change the background color of an element to Decimal 5868642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598C62 }
```

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

```
.background{ background-color:#598C62 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor