

# Converting Colors

Decimal(5876332)

Have a look what the booklet for  
Decimal(5876332) contains.

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# Color

**Decimal(5876332)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59AA6C
RGB	89, 170, 108
RGB Percent	35%, 67%, 42%
CMY	0.6510, 0.3333, 0.5765
CMYK	0.48, 0.00, 0.36, 0.33
HSL	134°, 32%, 51%
HSV	134°, 48%, 67%
XYZ	21.2013, 31.9560, 19.2381
YIQ	138.7130, -28.3740, -36.4540

# Conversions

## Conversions Part 2

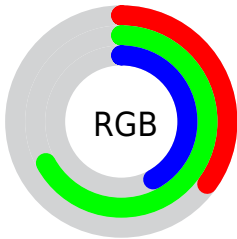
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 155, 170
Decimal	5876332
CIELab	63.31, -38.60, 24.51
CIElCh	63, 45.727, 147.590
Yxy	31.9560, 0.2929, 0.4414
Android (android.graphics.Color)	4284066412 (0xFF59AA6C)
YUV	138.7130, -15.1415, -43.5983
Hunter-Lab	56.5296, -31.9808, 19.3933

# Details

The Decimal color **5876332** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11164055**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9429664**, and **2127164** is the 20% darker color. If you saturate the color by 10%, you get **4762207**, and if you desaturate by 10%, it is **6990457**.

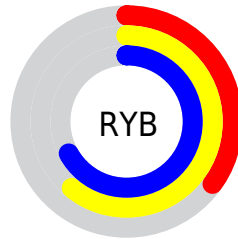
# Distribution



Red (35%)

Green (67%)

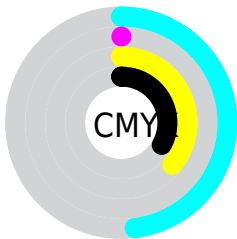
Blue (42%)



Red (35%)

Yellow (61%)

Blue (67%)

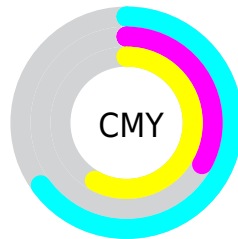


Cyan (48%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5876332 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 5876332 by changing the saturation by 10% instead.



■ 5876332

■ 5876332

16777215

■ 4099923

■ 9429664

■ 2127164

■ 11272123

■ 23589

■ 13172695

■ 17167

■ 15073268

■ 11520

■ 5120

■ 0

■ 5876332

■ 5876332

■ 4762207

■ 6990457

 3648082

 8104582

 2533957

 9218707

 1419832

 10332832

 305707

 11446957

 43560

 12561082

 13675207

 14789332

 15903457

# Harmonies

## Analogous

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



9216590



5876332



44692

# Triad

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



5876332



4759530



15039094

# Complementary

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



5876332



11164055

# 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.



14841758



5876332



9933025

# Square

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



5876332



43485



13205701



13928277

# Rectangle

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



5876332



44721



13205701



15104131



# Sweetspot

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



5876332



12574406



9939545



6123618



15790320



7368816



# Same Dimension

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



5876332



6282877



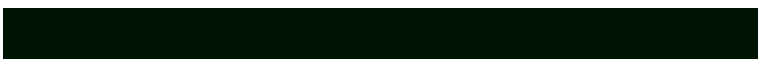
5876372



5002318



37923



5125



# Inverse Universe

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



11164055



14573504



11164015



5524562



9699441



1310736



# Previews

## White Background



This preview shows how the Decimal color 5876332 looks on a white background.

## Color Contrast Check

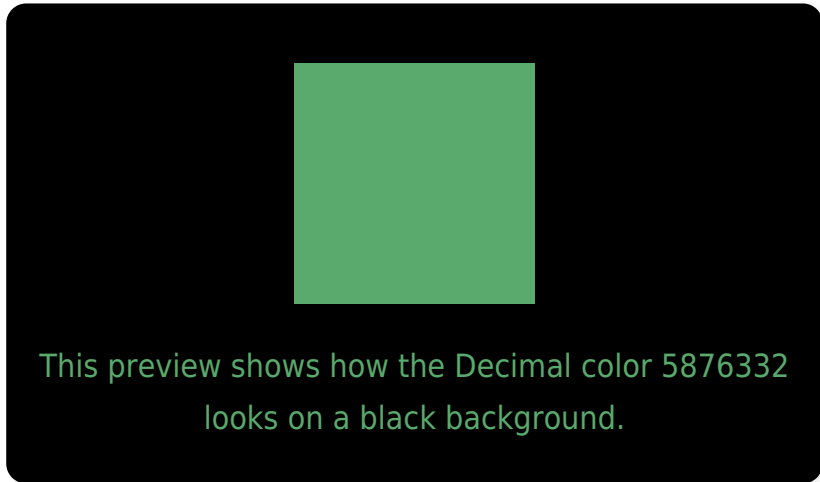
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Decimal 5876332 Background



This preview shows how black text looks on a background with the Decimal color 5876332.



This preview shows how white text looks on a background with the Decimal color 5876332.

# 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**  
6922927

# Trichromacy



**Original Color**  
5876332

**Protanomaly**  
9019240

**Deuteranomaly**  
9673583

**Tritanomaly**  
6530455

# Monochromacy



**Original Color**  
5876332

**Achromatopsia**  
9145227

**Achromatomaly**  
7968384

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5876332 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 #59AA6C looks like.

```
.text, #text, p{  
  color:#59AA6C  
}
```

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 #59AA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59AA6C
}
```

## Border

The CSS property to change the border of an element to Decimal 5876332 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
#59AA6C }
```

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

```
.border{ border-color:#59AA6C }
```

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

Here you see how a box with a 4 pixel #59AA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59AA6C; -webkit-box-shadow:4px 4px  
4px 4px #59AA6C; box-shadow:4px 4px 4px  
4px #59AA6C }
```

# Background

The CSS property to change the background color of an element to Decimal 5876332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59AA6C }
```

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

```
.background{ background-color:#59AA6C }
```

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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