

# Converting Colors

Decimal(5866885)

Have a look what the booklet for  
Decimal(5866885) contains.

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# Color

**Decimal(5866885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	598585
RGB	89, 133, 133
RGB Percent	35%, 52%, 52%
CMY	0.6510, 0.4784, 0.4784
CMYK	0.33, 0.00, 0.00, 0.48
HSL	180°, 20%, 44%
HSV	180°, 33%, 52%
XYZ	16.7410, 20.5924, 25.2827
YIQ	119.8440, -26.2240, -9.3280

# Conversions

## Conversions Part 2

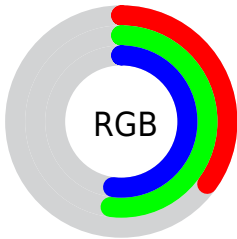
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 111, 133
Decimal	5866885
CIELab	52.50, -14.99, -4.82
CIElCh	53, 15.743, 197.843
Yxy	20.5924, 0.2674, 0.3289
Android (android.graphics.Color)	4284056965 (0xFF598585)
YUV	119.8440, 6.4859, -27.0502
Hunter-Lab	45.3788, -13.5613, -1.2681

# Details

The Decimal color **5866885** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8739161**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9288378**, and **2642772** is the 20% darker color. If you saturate the color by 10%, you get **5014917**, and if you desaturate by 10%, it is **6718853**.

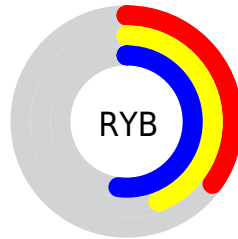
# Distribution



Red (35%)

Green (52%)

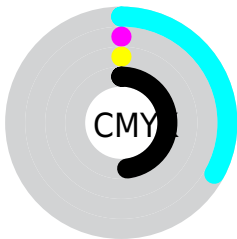
Blue (52%)



Red (35%)

Yellow (44%)

Blue (52%)

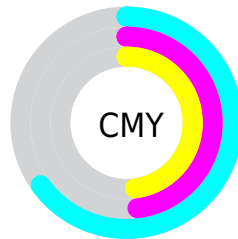


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (48%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5866885 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 5866885 by changing the saturation by 10% instead.





5866885



5866885

16777215



4222060



9288378



2642772



11065046



867389



12841714



9767



14745599



4370



16646143



0



5866885



5866885



5014917



6718853



4097413



7636357

■ 3245445

■ 8488325

■ 2393477

■ 9340293

■ 1475973

■ 10192261

■ 624005

■ 11109765

■ 34181

■ 11961733

■ 12813701

■ 13731205

# Harmonies

## Analogous

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



6456695



5866885



5997457

# Triad

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



5866885



9009039



9271907

# Complementary

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



5866885



8739161

# 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.



9860714



5866885



9794691

# Square

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



5866885



7896215



10056822



8355684

# Rectangle

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



5866885



6455702



10056822



9533797



# Sweetspot

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



5866885



10268077



5866841



5003095



14079702



5723991



# Same Dimension

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



5866885



6860205



5861253



3949122



33410



771



# Inverse Universe

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



8739205



11364525



8744793



4340802



8519810



196611



# Previews

## White Background



This preview shows how the Decimal color 5866885 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



This preview shows how the Decimal color 5866885 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

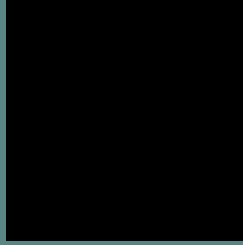
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5866885 Background



This preview shows how black text looks on a background with the Decimal color 5866885.

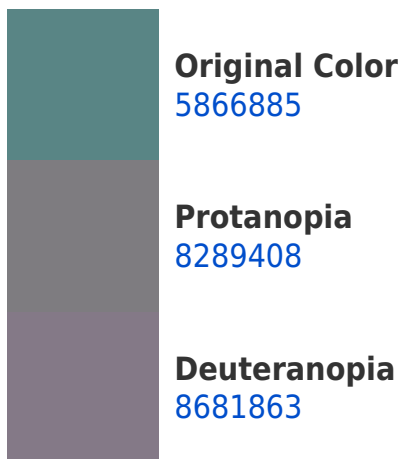


This preview shows how white text looks on a background with the Decimal color 5866885.

# 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](#).

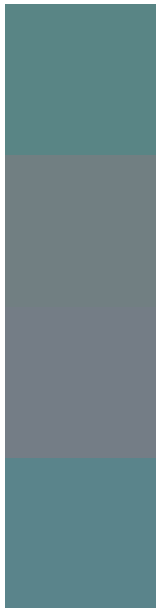
## Dichromacy





**Tritanopia**  
5997710

# Trichromacy



**Original Color**  
5866885

**Protanomaly**  
7438210

**Deuteranomaly**  
7634310

**Tritanomaly**  
5932171

# Monochromacy



**Original Color**  
5866885

**Achromatopsia**  
7895160

**Achromatomaly**  
7175549

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5866885 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 #598585 looks like.

```
.text, #text, p{  
    color:#598585  
}
```

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 #598585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598585
}
```

## Border

The CSS property to change the border of an element to Decimal 5866885 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
#598585 }
```

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

```
.border{ border-color:#598585 }
```

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

Here you see how a box with a 4 pixel #598585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598585; -webkit-box-shadow:4px 4px  
4px 4px #598585; box-shadow:4px 4px 4px  
4px #598585 }
```

# Background

The CSS property to change the background color of an element to Decimal 5866885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598585 }
```

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

```
.background{ background-color:#598585 }
```

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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