

# Converting Colors

Decimal(5749125)

Have a look what the booklet for  
Decimal(5749125) contains.

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# **Color**

**Decimal(5749125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57B985
RGB	87, 185, 133
RGB Percent	34%, 73%, 52%
CMY	0.6588, 0.2745, 0.4784
CMYK	0.53, 0.00, 0.28, 0.27
HSL	148°, 41%, 53%
HSV	148°, 53%, 73%
XYZ	25.5131, 38.4176, 28.2610
YIQ	149.7700, -41.7160, -36.9480

# Conversions

## Conversions Part 2

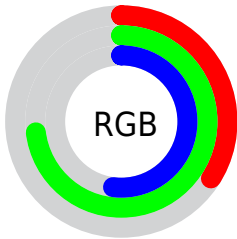
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 154, 185
Decimal	5749125
CIELab	68.33, -40.94, 17.81
CIELCh	68, 44.652, 156.486
Yxy	38.4176, 0.2767, 0.4167
Android (android.graphics.Color)	4283939205 (0xFF57B985)
YUV	149.7700, -8.2676, -55.0493
Hunter-Lab	61.9819, -34.9940, 16.3538

# Details

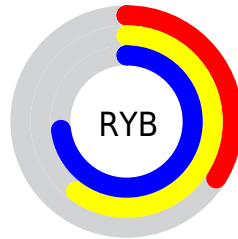
The Decimal color **5749125** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12146571**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9433786**, and **1540947** is the 20% darker color. If you saturate the color by 10%, you get **4569467**, and if you desaturate by 10%, it is **6994319**.

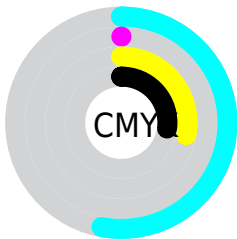
# Distribution



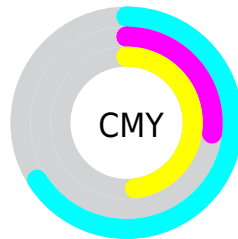
- Red (34%)
- Green (73%)
- Blue (52%)



- Red (34%)
- Yellow (60%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (28%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5749125 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 5749125 by changing the saturation by 10% instead.



■ 5749125

■ 5749125

16777215

■ 3841644

■ 9433786

■ 1540947

■ 11337686

■ 26940

■ 13172723

■ 20518

■ 15138815

■ 14353

■ 9216

■ 0

■ 5749125

■ 5749125

■ 4569467

■ 6994319

■ 3324273

■ 8173977

■ 2144616

■ 9419170

■ 899422

■ 10598828

■ 47447

■ 11844022

■ 13023680

■ 14268874

■ 15448532

■ 16628189

# Harmonies

## Analogous

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



9220708



5749125



48302

# Triad

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



5749125



7710966



15699065

# Complementary

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



5749125



12146571

# 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.



15959455



5749125



11966952

# Square

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



5749125



46064



14715848



14326109

# Rectangle

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



5749125



48073



14715848



15960197



# Sweetspot

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



5749125



13234395



9156951



6387820



16250871



7895160



# Same Dimension

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



5749125



5697694



5749174



5463127



40009



7181



# Inverse Universe

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



12146571



15750824



12146522



6050647



10223699



1835023



# Previews

## White Background



This preview shows how the Decimal color 5749125 looks on a white background.

## Color Contrast Check

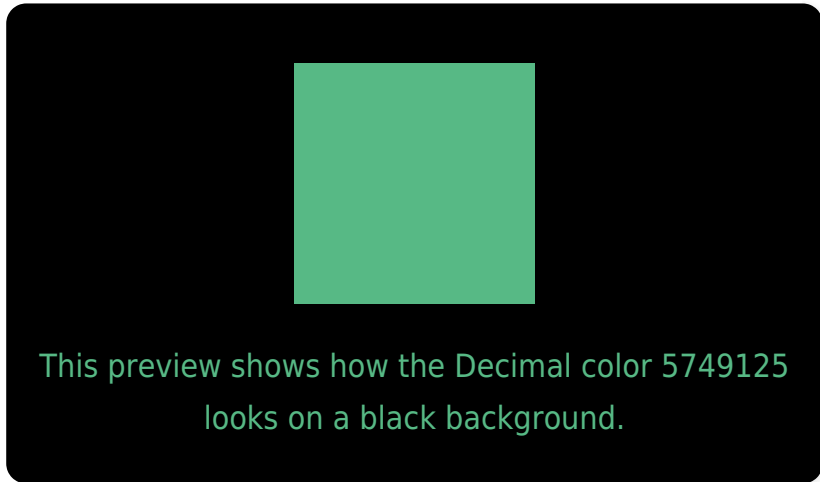
Large Text (above 18pt) WCAG AA × Fail

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 5749125 Background



This preview shows how black text looks on a background with the Decimal color 5749125.



This preview shows how white text looks on a background with the Decimal color 5749125.

# Color Blindness Simulation

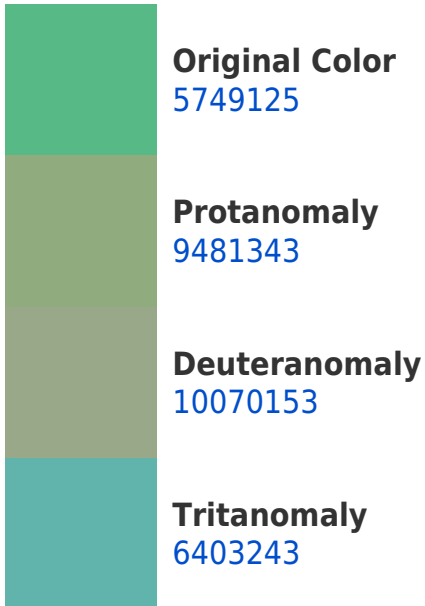
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5749125 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 #57B985 looks like.

```
.text, #text, p{  
  color:#57B985  
}
```

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 #57B985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B985
}
```

## Border

The CSS property to change the border of an element to Decimal 5749125 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
#57B985 }
```

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

```
.border{ border-color:#57B985 }
```

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

Here you see how a box with a 4 pixel #57B985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B985; -webkit-box-shadow:4px 4px  
4px 4px #57B985; box-shadow:4px 4px 4px  
4px #57B985 }
```

# Background

The CSS property to change the background color of an element to Decimal 5749125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B985 }
```

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

```
.background{ background-color:#57B985 }
```

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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