

# Converting Colors

Decimal(5753484)

Have a look what the booklet for  
Decimal(5753484) contains.

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# Color

**Decimal(5753484)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57CA8C
RGB	87, 202, 140
RGB Percent	34%, 79%, 55%
CMY	0.6588, 0.2078, 0.4510
CMYK	0.57, 0.00, 0.31, 0.21
HSL	148°, 52%, 57%
HSV	148°, 57%, 79%
XYZ	29.7846, 46.1607, 32.1510
YIQ	160.5470, -48.6380, -43.6620

# Conversions

## Conversions Part 2

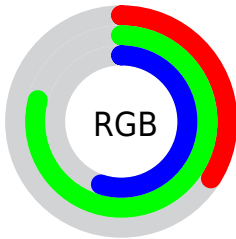
Format	Color
<a href="#">RYB</a>	<a href="#">87, 166, 202</a>
Decimal	<a href="#">5753484</a>
CIELab	<a href="#">73.65, -46.81, 21.39</a>
CIELCh	<a href="#">74, 51.460, 155.442</a>
Yxy	<a href="#">46.1607, 0.2755, 0.4270</a>
Android (android.graphics.Color)	<a href="#">4283943564 (0xFF57CA8C)</a>
YUV	<a href="#">160.5470, -10.1297, -64.5007</a>
Hunter-Lab	<a href="#">67.9417, -40.6462, 19.5023</a>

# Details

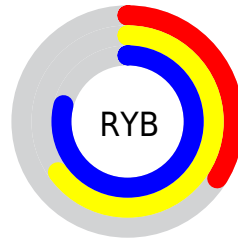
The Decimal color **5753484** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **13260693**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **9568194**, and **693081** is the 20% darker color. If you saturate the color by 10%, you get **4442753**, and if you desaturate by 10%, it is **7064215**.

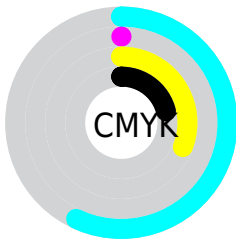
# Distribution



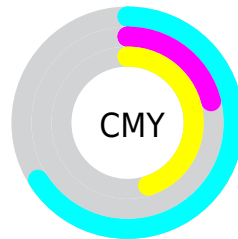
- Red (34%)
- Green (79%)
- Blue (55%)



- Red (34%)
- Yellow (65%)
- Blue (79%)



- Cyan (57%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)



- Cyan (66%)
- Magenta (21%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5753484 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 5753484 by changing the saturation by 10% instead.





5753484



5753484

16777215



3714674



9568194



693081



11468766



31042



13434875



24363



15335423



17941



12032



5376



0



5753484



5753484

■ 4442753

■ 7064215

■ 3132022

■ 8374946

■ 1755755

■ 9751213

■ 445024

■ 11061944

■ 51805

■ 12372674

■ 13683405

■ 14994136

■ 16370403

■ 16763630

# Harmonies

## Analogous

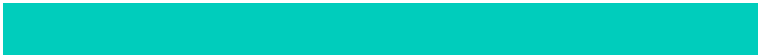
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9945701



5753484



52668

# Triad

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



5753484



7649279



16749697

# Complementary

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



5753484



13260693

# 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.



16747950



5753484



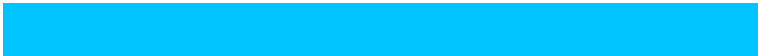
12887551

# Square

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



5753484



50431



16159965



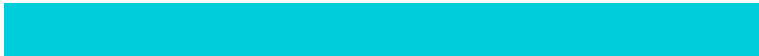
15836255

# Rectangle

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



5753484



52700



16159965



16748943

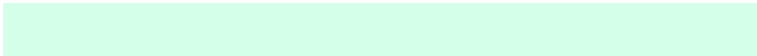


# Sweetspot

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



5753484



13959144



9882199



6717554



0



8421504



# Same Dimension

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



5753484



5439394



5753540



6055521



42572



9746



# Inverse Universe

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



13260693



16732847



13260637



6708321



10879065



2490389



# Previews

## White Background



This preview shows how the Decimal color 5753484 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



This preview shows how the Decimal color 5753484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

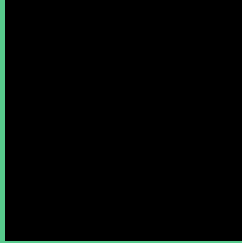
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5753484 Background



This preview shows how black text looks on a background with the Decimal color 5753484.



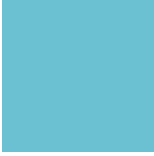
This preview shows how white text looks on a background with the Decimal color 5753484.

# 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](#).

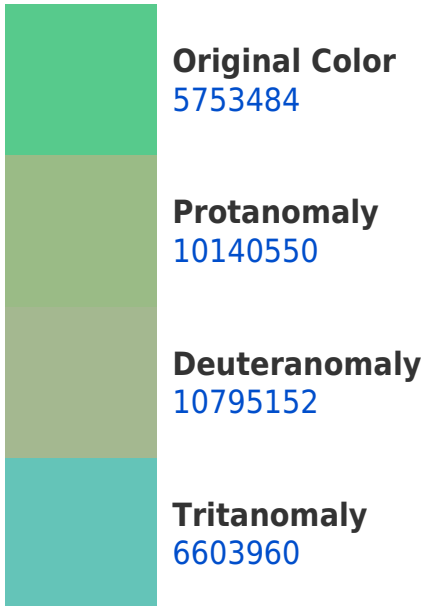
## Dichromacy





**Tritanopia**  
7061969

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5753484 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 #57CA8C looks like.

```
.text, #text, p{  
  color:#57CA8C  
}
```

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 #57CA8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57CA8C
}
```

## Border

The CSS property to change the border of an element to Decimal 5753484 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
#57CA8C }
```

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

```
.border{ border-color:#57CA8C }
```

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

Here you see how a box with a 4 pixel #57CA8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57CA8C; -webkit-box-shadow:4px 4px  
4px 4px #57CA8C; box-shadow:4px 4px 4px  
4px #57CA8C }
```

# Background

The CSS property to change the background color of an element to Decimal 5753484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57CA8C }
```

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

```
.background{ background-color:#57CA8C }
```

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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