

# Converting Colors

Decimal(5353611)

Have a look what the booklet for  
Decimal(5353611) contains.

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# **Color**

**Decimal(5353611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51B08B
RGB	81, 176, 139
RGB Percent	32%, 69%, 55%
CMY	0.6824, 0.3098, 0.4549
CMYK	0.54, 0.00, 0.21, 0.31
HSL	157°, 38%, 50%
HSV	157°, 54%, 69%
XYZ	23.5789, 34.6641, 29.8742
YIQ	143.3770, -44.7430, -31.6470

# Conversions

## Conversions Part 2

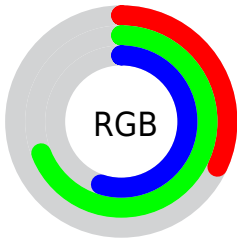
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 140, 176
Decimal	5353611
CIELab	65.49, -37.06, 10.53
CIELCh	65, 38.532, 164.134
Yxy	34.6641, 0.2676, 0.3934
Android (android.graphics.Color)	4283543691 (0xFF51B08B)
YUV	143.3770, -2.1579, -54.7046
Hunter-Lab	58.8762, -31.5473, 11.1292

# Details

The Decimal color **5353611** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11555190**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **9038017**, and **883545** is the 20% darker color. If you saturate the color by 10%, you get **4173956**, and if you desaturate by 10%, it is **6533266**.

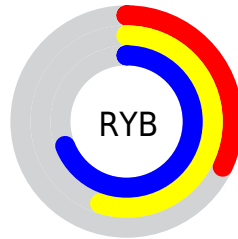
# Distribution



Red (32%)

Green (69%)

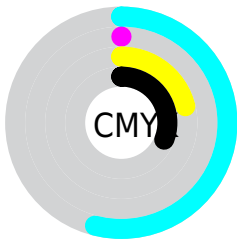
Blue (55%)



Red (32%)

Yellow (55%)

Blue (69%)

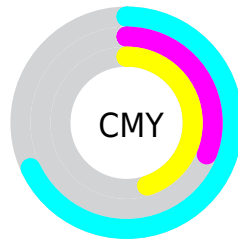


Cyan (54%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (68%)

Magenta (31%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5353611 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 5353611 by changing the saturation by 10% instead.





5353611



5353611

16777215



3446130



9038017



883545



10878940



24898



12779513



18731



14680063



12567



16646143



7168



0



5353611



5353611



4173956



6533266

■ 3059837

■ 7647385

■ 1880182

■ 8827040

■ 766064

■ 9941158

■ 45163

■ 11120813

■ 12300468

■ 13414587

■ 14594242

■ 15708361

# Harmonies

## Analogous

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



8366956



5353611



176559

# Triad

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



5353611



8887778



14388080

# Complementary

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



5353611



11555190

# 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.



14845072



5353611



12030161

# Square

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



5353611



4630753



14059187



12949341

# Rectangle

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



5353611



45253



14059187



14649466



# Sweetspot

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



5353611



12707543



7843921



6124394



15921906



7566195



# Same Dimension

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



5353611



5301931



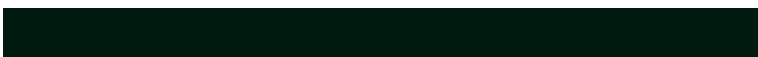
5351088



5265750



39261



6672



# Inverse Universe

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



11555190



15093898



11557457



5853268



10027068



1703946



# Previews

## White Background



This preview shows how the Decimal color 5353611 looks on a white background.

## Color Contrast Check

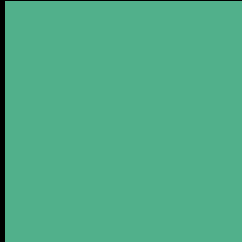
Large Text (above 18pt) WCAG AA × Fail

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 5353611 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

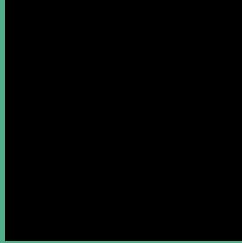
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5353611 Background



This preview shows how black text looks on a background with the Decimal color 5353611.

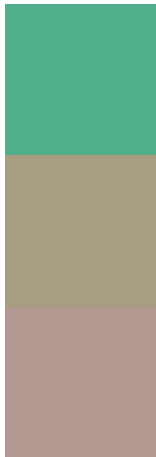


This preview shows how white text looks on a background with the Decimal color 5353611.

# 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



**Original Color**  
5353611

**Protanopia**  
10985090

**Deuteranopia**  
11704464



**Tritanopia**  
6269624

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5353611 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 #51B08B looks like.

```
.text, #text, p{  
    color:#51B08B  
}
```

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 #51B08B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B08B
}
```

## Border

The CSS property to change the border of an element to Decimal 5353611 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
#51B08B }
```

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

```
.border{ border-color:#51B08B }
```

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

Here you see how a box with a 4 pixel #51B08B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B08B; -webkit-box-shadow:4px 4px  
4px 4px #51B08B; box-shadow:4px 4px 4px  
4px #51B08B }
```

# Background

The CSS property to change the background color of an element to Decimal 5353611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B08B }
```

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

```
.background{ background-color:#51B08B }
```

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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