

# Converting Colors

Decimal(6065303)

Have a look what the booklet for  
Decimal(6065303) contains.

<b>Decimal(6065303)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6065303)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C8C97
RGB	92, 140, 151
RGB Percent	36%, 55%, 59%
CMY	0.6392, 0.4510, 0.4078
CMYK	0.39, 0.07, 0.00, 0.41
HSL	191°, 24%, 48%
HSV	191°, 39%, 59%
XYZ	19.3776, 23.2658, 32.7476
YIQ	126.9020, -32.1390, -6.7550

# Conversions

## Conversions Part 2

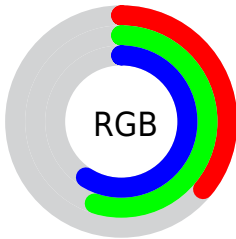
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 118, 151
Decimal	6065303
CIE <sub>Lab</sub>	55.35, -13.24, -10.99
CIE <sub>LCh</sub>	55, 17.211, 219.687
Yxy	23.2658, 0.2570, 0.3086
Android (android.graphics.Color)	4284255383 (0xFF5C8C97)
YUV	126.9020, 11.8803, -30.6091
Hunter-Lab	48.2347, -12.7007, -6.4890

# Details

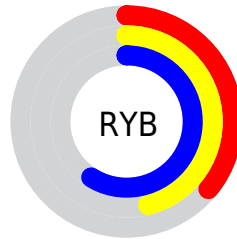
The Decimal color **6065303** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9922396**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9552589**, and **2710116** is the 20% darker color. If you saturate the color by 10%, you get **5081495**, and if you desaturate by 10%, it is **7049111**.

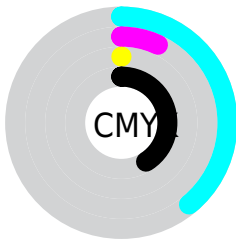
# Distribution



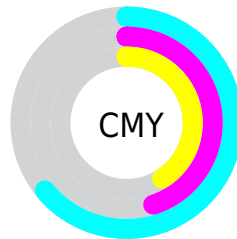
- Red (36%)
- Green (55%)
- Blue (59%)



- Red (36%)
- Yellow (46%)
- Blue (59%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (45%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6065303 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 6065303 by changing the saturation by 10% instead.



6065303

6065303

16777215

4354685

9552589

2710116

11329257

737868

13171455

11318

15073279

6176

7

0

6065303

6065303

5081495

7049111

■ 4097687

■ 8032919

■ 3114135

■ 9016471

■ 2130327

■ 10000279

■ 1146519

■ 11049623

■ 97175

■ 12033431

■ 31639

■ 13017239

■ 14001047

■ 14984599

# Harmonies

## Analogous

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



6196617



6065303



6785440

# Triad

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



6065303



10255247



9143655

# Complementary

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



6065303



9922396

# 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.



10059881



6065303



10713728

# Square

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



6065303



9273244



10648690



8030573

# Rectangle

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



6065303



7571106



10648690



9470823



# Sweetspot

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



6065303



11387076



6068071



5661027



14935011



6513507



# Same Dimension

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



6065303



6861764



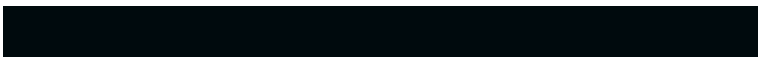
6057879



4541261



29324



2573



# Inverse Universe

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



9919628



12871859



9929820



5064011



9175154

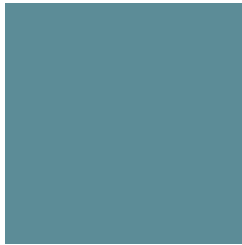


851978



# Previews

## White Background



This preview shows how the Decimal color 6065303 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 6065303 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 6065303 Background



This preview shows how black text looks on a background with the Decimal color 6065303.

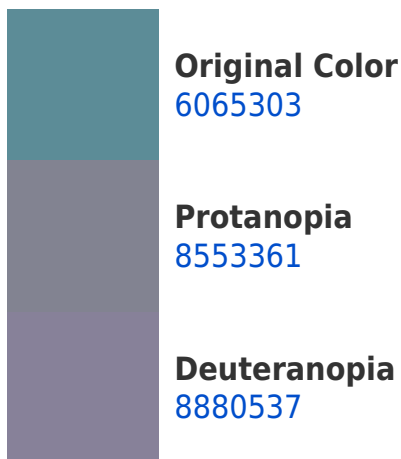


This preview shows how white text looks on a background with the Decimal color 6065303.

# 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



**Original Color**  
6065303

**Protanomaly**  
7636627

**Deuteranomaly**  
7832984

**Tritanomaly**  
6065303

# Monochromacy



**Original Color**  
6065303

**Achromatopsia**  
8355711

**Achromatomaly**  
7505032

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6065303 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 #5C8C97 looks like.

```
.text, #text, p{  
    color:#5C8C97  
}
```

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 #5C8C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8C97
}
```

## Border

The CSS property to change the border of an element to Decimal 6065303 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
#5C8C97 }
```

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

```
.border{ border-color:#5C8C97 }
```

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

Here you see how a box with a 4 pixel #5C8C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8C97; -webkit-box-shadow:4px 4px  
4px 4px #5C8C97; box-shadow:4px 4px 4px  
4px #5C8C97 }
```

# Background

The CSS property to change the background color of an element to Decimal 6065303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8C97 }
```

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

```
.background{ background-color:#5C8C97 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor