

# Converting Colors

Decimal(5855597)

Have a look what the booklet for  
Decimal(5855597) contains.

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# Color

**Decimal(5855597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59596D
RGB	89, 89, 109
RGB Percent	35%, 35%, 43%
CMY	0.6510, 0.6510, 0.5725
CMYK	0.18, 0.18, 0.00, 0.57
HSL	240°, 10%, 39%
HSV	240°, 18%, 43%
XYZ	10.4525, 10.3727, 15.9192
YIQ	91.2800, -6.4200, 6.2200

# Conversions

## Conversions Part 2

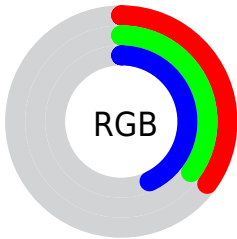
Format	Color
<b>R<sub>YB</sub></b>	89, 89, 109
Decimal	5855597
CIE Lab	38.50, 4.62, -11.39
CIE LCh	39, 12.293, 292.090
Yxy	10.3727, 0.2845, 0.2823
Android (android.graphics.Color)	4284045677 (0xFF59596D)
YUV	91.2800, 8.7360, -1.9996
Hunter-Lab	32.2067, 1.5694, -6.7613

# Details

The Decimal color **5855597** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7171417**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **9145249**, and **2829373** is the 20% darker color. If you saturate the color by 10%, you get **5131885**, and if you desaturate by 10%, it is **6579309**.

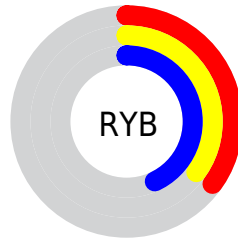
# Distribution



Red (35%)

Green (35%)

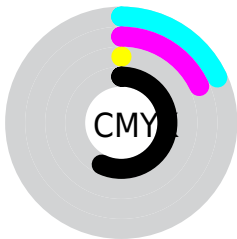
Blue (43%)



Red (35%)

Yellow (35%)

Blue (43%)

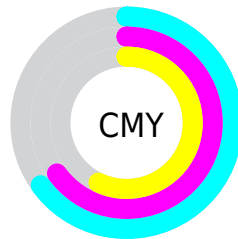


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (65%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5855597 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 5855597 by changing the saturation by 10% instead.





5855597



5855597

16777215



4276821



9145249



2829373



10921404



1447720



12697815



275



14540020



0



16382463



5855597



5855597



5131885



6579309



4408173



7303021

■ 3684461

■ 8026733

■ 2960749

■ 8750445

■ 2302829

■ 9474157

■ 1579117

■ 10132077

■ 855405

■ 10855789

■ 131693

■ 11579501

■ 109

■ 12303213

# Harmonies

## Analogous

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



5004398



5855597



6641255

# Triad

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



585597



709979



454648

# Complementary

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



585597



7171417

# 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.



5201742



5855597



6641991

# Square

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



5855597



7296084



5921864



4218978

# Rectangle

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



5855597



7033953



5921864



4743252



# Sweetspot

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



5855597



8816271



5860717



4342343



13092807



4671303



# Same Dimension

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



5855597



7303055



6510957



3158070



117



245



# Inverse Universe

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



7166317



9400207



6516057



3551286



7667829



16056565



# Previews

## White Background



This preview shows how the Decimal color 5855597 looks on a white background.

## Color Contrast Check

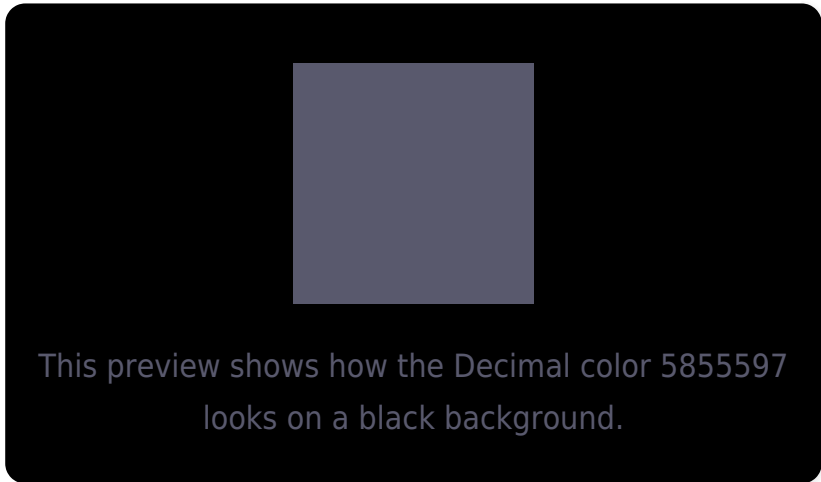
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

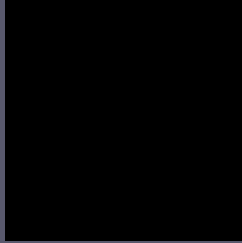
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5855597 Background



This preview shows how black text looks on a background with the Decimal color 5855597.

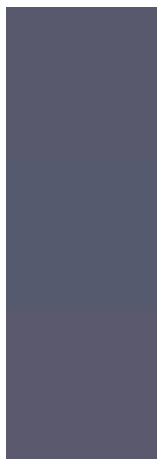


This preview shows how white text looks on a background with the Decimal color 5855597.

# 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**

5855597

**Protanopia**

5659246

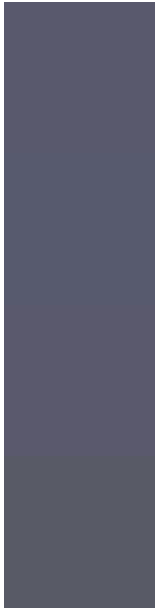
**Deuteranopia**

5921133



**Tritanopia**  
5725026

# Trichromacy



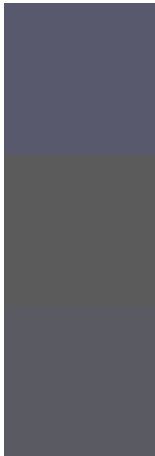
**Original Color**  
5855597

**Protanomaly**  
5724782

**Deuteranomaly**  
5921133

**Tritanomaly**  
5790310

# Monochromacy



**Original Color**  
5855597

**Achromatopsia**  
5987163

**Achromatomaly**  
5921378

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 585597 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 #59596D looks like.

```
.text, #text, p{  
    color:#59596D  
}
```

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 #59596D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59596D
}
```

## Border

The CSS property to change the border of an element to Decimal 5855597 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
#59596D }
```

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

```
.border{ border-color:#59596D }
```

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

Here you see how a box with a 4 pixel #59596D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59596D; -webkit-box-shadow:4px 4px  
4px 4px #59596D; box-shadow:4px 4px 4px  
4px #59596D }
```

# Background

The CSS property to change the background color of an element to Decimal 5855597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59596D }
```

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

```
.background{ background-color:#59596D }
```

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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