

# Converting Colors

Decimal(5859189)

Have a look what the booklet for  
Decimal(5859189) contains.

<b>Decimal(5859189)</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(5859189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	596775
RGB	89, 103, 117
RGB Percent	35%, 40%, 46%
CMY	0.6510, 0.5961, 0.5412
CMYK	0.24, 0.12, 0.00, 0.54
HSL	210°, 14%, 40%
HSV	210°, 24%, 46%
XYZ	12.1810, 13.1087, 18.7178
YIQ	100.4100, -12.8380, 1.3860

# Conversions

## Conversions Part 2

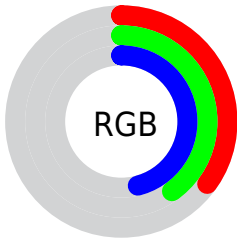
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	<b>89, 98, 117</b>
Decimal	5859189
CIE <sub>Lab</sub>	42.93, -1.91, -9.61
CIE <sub>LCh</sub>	43, 9.796, 258.777
Yxy	13.1087, 0.2768, 0.2979
Android (android.graphics.Color)	4284049269 (0xFF596775)
YUV	100.4100, 8.1789, -10.0066
Hunter-Lab	36.2059, -3.3067, -5.3078

# Details

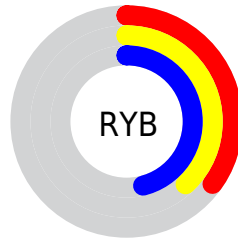
The Decimal color **5859189** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7694169**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **9149097**, and **2832453** is the 20% darker color. If you saturate the color by 10%, you get **5071221**, and if you desaturate by 10%, it is **6647157**.

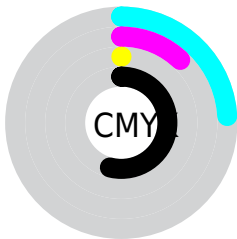
# Distribution



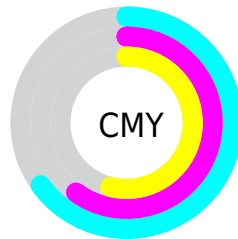
- Red (35%)
- Green (40%)
- Blue (46%)



- Red (35%)
- Yellow (38%)
- Blue (46%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (60%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5859189 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 5859189 by changing the saturation by 10% instead.



■ 5859189

■ 5859189

16777215

■ 4280156

■ 9149097

■ 2832453

■ 10925508

■ 1385263

■ 12701920

■ 3354

■ 14544381

■ 0

■ 16449535

■ 5859189

■ 5859189

■ 5071221

■ 6647157

■ 4348789

■ 7369589

■ 3560821

■ 8157557

■ 2773109

■ 8945269

■ 1985141

■ 9667701

■ 1262709

■ 10455669

■ 474741

■ 11243637

■ 15221

■ 12031605

■ 12754037

# Harmonies

## Analogous

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



5400945



5859189



6513781

# Triad

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



5859189



7823456



6121819

# Complementary

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



5859189



7694169

# 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.



6710870



5859189



7692634

# Square

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



5859189



7626857



7300182



5597794

# Rectangle

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



5859189



6972274



7300182



6318169



# Sweetspot

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



5859189



9344153



5862759



4606285



13421772



5066061



# Same Dimension

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



5859189



7177113



5855605



3487803



15738



32250



# Inverse Universe

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



7690599



10055043



7697753



3880248



7995453



16384125



# Previews

## White Background



This preview shows how the Decimal color 5859189 looks on a white background.

## Color Contrast Check

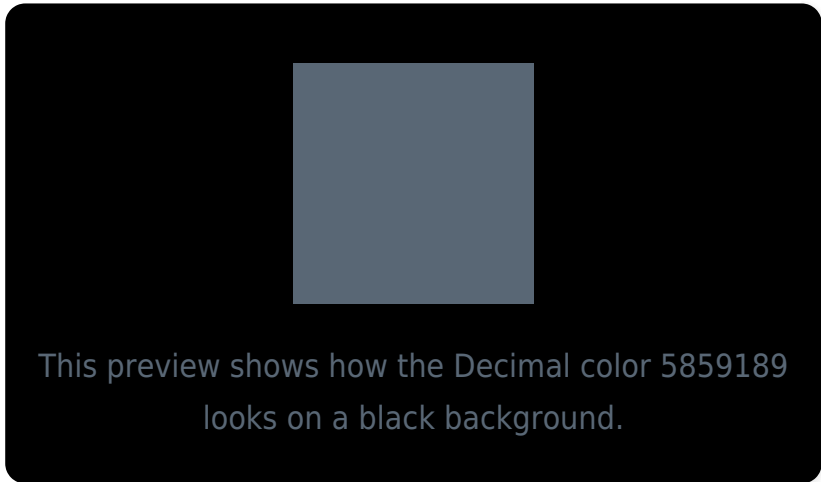
Large Text (above 18pt) WCAG AA ✓ Pass

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

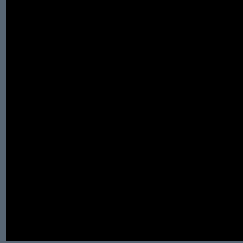
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

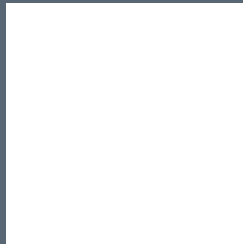
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5859189 Background



This preview shows how black text looks on a background with the Decimal color 5859189.



This preview shows how white text looks on a background with the Decimal color 5859189.

# 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](#).

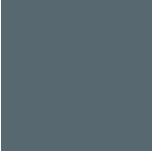
## Dichromacy



**Original Color**  
5859189

**Protanopia**  
6513779

**Deuteranopia**  
6775670



**Tritanopia**  
5793904

# Trichromacy



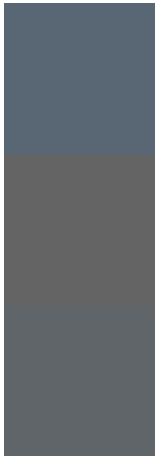
**Original Color**  
5859189

**Protanomaly**  
6251892

**Deuteranomaly**  
6448246

**Tritanomaly**  
5793906

# Monochromacy



**Original Color**  
5859189

**Achromatopsia**  
6579300

**Achromatomaly**  
6317418

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5859189 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 #596775 looks like.

```
.text, #text, p{  
    color:#596775  
}
```

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 #596775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596775
}
```

## Border

The CSS property to change the border of an element to Decimal 5859189 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
#596775 }
```

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

```
.border{ border-color:#596775 }
```

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

Here you see how a box with a 4 pixel #596775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596775; -webkit-box-shadow:4px 4px  
4px 4px #596775; box-shadow:4px 4px 4px  
4px #596775 }
```

# Background

The CSS property to change the background color of an element to Decimal 5859189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596775 }
```

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

```
.background{ background-color:#596775 }
```

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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