

# Converting Colors

Decimal(5795739)

Have a look what the booklet for  
Decimal(5795739) contains.

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# Color

**Decimal(5795739)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	586F9B
RGB	88, 111, 155
RGB Percent	35%, 44%, 61%
CMY	0.6549, 0.5647, 0.3922
CMYK	0.43, 0.28, 0.00, 0.39
HSL	219°, 28%, 48%
HSV	219°, 43%, 61%
XYZ	15.6253, 15.8101, 33.2385
YIQ	109.1390, -27.8320, 8.8080

# Conversions

## Conversions Part 2

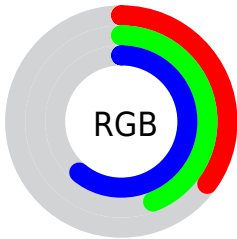
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 105, 155
Decimal	5795739
CIE Lab	46.72, 3.54, -26.52
CIE LCh	47, 26.756, 277.606
Yxy	15.8101, 0.2416, 0.2445
Android (android.graphics.Color)	4283985819 (0xFF586F9B)
YUV	109.1390, 22.6095, -18.5389
Hunter-Lab	39.7620, 0.5620, -21.7293

# Details

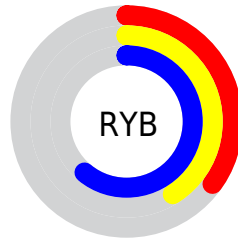
The Decimal color **5795739** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10191960**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **9282258**, and **2375784** is the 20% darker color. If you saturate the color by 10%, you get **4810139**, and if you desaturate by 10%, it is **6781339**.

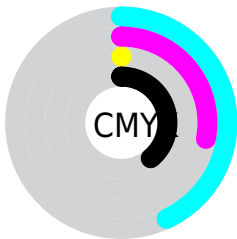
# Distribution



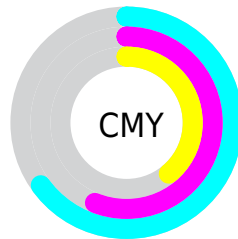
- Red (35%)
- Green (44%)
- Blue (61%)



- Red (35%)
- Yellow (41%)
- Blue (61%)



- Cyan (43%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (56%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5795739 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 5795739 by changing the saturation by 10% instead.



■ 5795739

■ 5795739

16777215

■ 4085633

■ 9282258

■ 2375784

■ 11058670

■ 272975

■ 12900863

■ 5688

■ 14743295

■ 546

16646143

■ 9

■ 0

■ 5795739

■ 5795739

■ 4810139

■ 6781339

■ 3759003

■ 7832475

■ 2773147

■ 8883867

■ 1722011

■ 9869467

■ 736411

■ 10920603

■ 13723

■ 11906203

■ 12891803

■ 13942939

■ 14928795

# Harmonies

## Analogous

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



3307160



5795739



7956370

# Triad

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



5795739



9986388



4487517

# Complementary

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



5795739



10191960

# 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.



6321482



5795739



9201734

# Square

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



5795739



10116458



7892802



2521972

# Rectangle

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



5795739



9003655



7892802



5142614

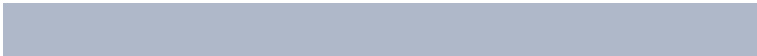


# Sweetspot

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



5795739



11516105



5806980



5659494



15132390



6710886



# Same Dimension

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



5795739



6391241



6445211



4540237



12428



1037



# Inverse Universe

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



10180719



13197701



9542488



5064007



9175088



851972



# Previews

## White Background



This preview shows how the Decimal color 5795739 looks on a white background.

## Color Contrast Check

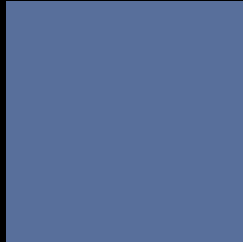
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5795739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

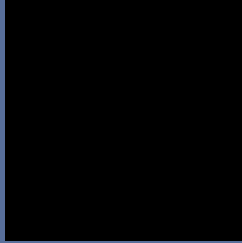
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

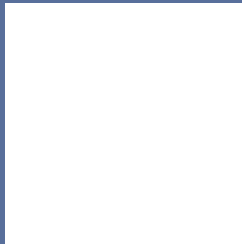
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5795739 Background



This preview shows how black text looks on a background with the Decimal color 5795739.

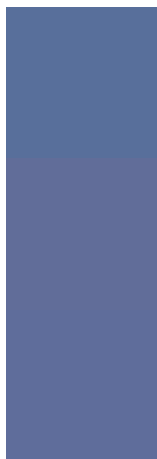


This preview shows how white text looks on a background with the Decimal color 5795739.

# 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**

5795739

**Protanopia**

6385049

**Deuteranopia**

6253979



# Trichromacy



**Original Color**  
5795739

**Protanomaly**  
6188698

**Deuteranomaly**  
6057627

**Tritanomaly**  
5469065

# Monochromacy



**Original Color**  
5795739

**Achromatopsia**  
7171437

**Achromatomaly**  
6647422

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5795739 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 #586F9B looks like.

```
.text, #text, p{  
  color:#586F9B  
}
```

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 #586F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586F9B
}
```

## Border

The CSS property to change the border of an element to Decimal 5795739 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
#586F9B }
```

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

```
.border{ border-color:#586F9B }
```

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

Here you see how a box with a 4 pixel #586F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586F9B; -webkit-box-shadow:4px 4px  
4px 4px #586F9B; box-shadow:4px 4px 4px  
4px #586F9B }
```

# Background

The CSS property to change the background color of an element to Decimal 5795739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586F9B }
```

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

```
.background{ background-color:#586F9B }
```

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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