

# Converting Colors

Decimal(5807019)

Have a look what the booklet for  
Decimal(5807019) contains.

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# Color

**Decimal(5807019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	589BAB
RGB	88, 155, 171
RGB Percent	35%, 61%, 67%
CMY	0.6549, 0.3922, 0.3294
CMYK	0.49, 0.09, 0.00, 0.33
HSL	192°, 33%, 51%
HSV	192°, 49%, 67%
XYZ	23.0965, 28.4577, 42.8036
YIQ	136.7910, -45.0680, -9.2280

# Conversions

## Conversions Part 2

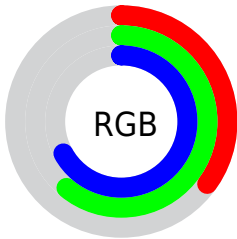
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 125, 171
Decimal	5807019
CIELab	60.30, -16.87, -14.96
CIElCh	60, 22.544, 221.571
Yxy	28.4577, 0.2448, 0.3016
Android (android.graphics.Color)	4283997099 (0xFF589BAB)
YUV	136.7910, 16.8650, -42.7897
Hunter-Lab	53.3457, -16.0718, -10.2312

# Details

The Decimal color **5807019** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **11233368**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **9425634**, and **1927287** is the 20% darker color. If you saturate the color by 10%, you get **4692139**, and if you desaturate by 10%, it is **6921899**.

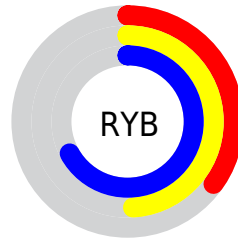
# Distribution



Red (35%)

Green (61%)

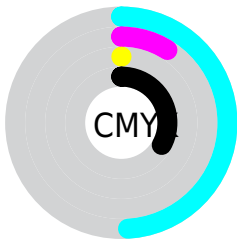
Blue (67%)



Red (35%)

Yellow (49%)

Blue (67%)

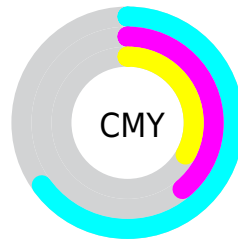


Cyan (49%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (65%)

Magenta (39%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5807019 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 5807019 by changing the saturation by 10% instead.



■ 5807019

■ 5807019

16777215

■ 3965328

■ 9425634

■ 1927287

■ 11267839

■ 20318

■ 13107199

■ 14406

■ 15007743

■ 9008

■ 1052

■ 0

■ 5807019

■ 5807019

■ 4692139

■ 6921899

■ 3577003

■ 8037035

■ 2462123

■ 9151915

■ 1347243

■ 10266795

■ 232363

■ 11381675

■ 35499

■ 12562347

■ 13677227

■ 14792107

■ 15907243

# Harmonies

## Analogous

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



5938585



5807019



6920119

# Triad

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



5807019



11633822



9999210

# Complementary

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



5807019



11233368

# 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.



11242604



5807019



12223370

# Square

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



5807019



10390191



12027512



8558707

# Rectangle

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



5807019



8033209



12027512



10457194



# Sweetspot

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



5807019



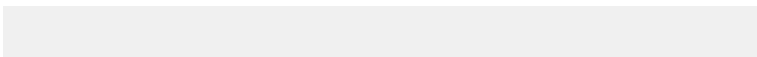
12441566



5811047



6057072



15790320



7368816



# Same Dimension

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



5807019



6145502



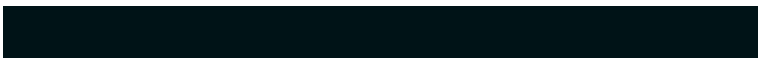
5796523



5133655



31126



4887



# Inverse Universe

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



11229339



14572997



11243864



5721685



9830521



1507347



# Previews

## White Background



This preview shows how the Decimal color 5807019 looks on a white background.

## Color Contrast Check

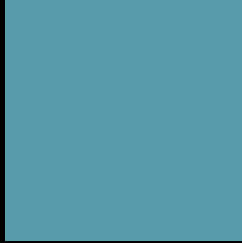
Large Text (above 18pt) WCAG AA ✓ Pass

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 5807019 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

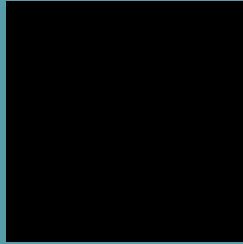
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5807019 Background



This preview shows how black text looks on a background with the Decimal color 5807019.

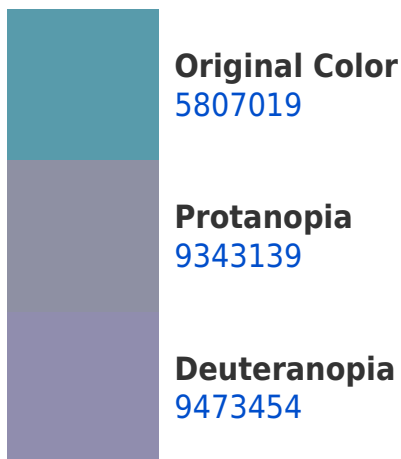


This preview shows how white text looks on a background with the Decimal color 5807019.

# 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](#).

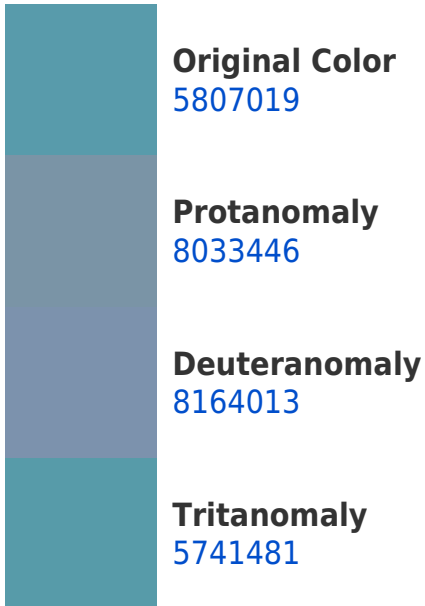
## Dichromacy



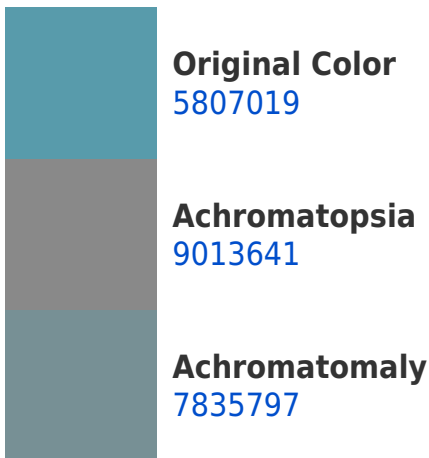


**Tritanopia**  
5741480

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5807019 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 #589BAB looks like.

```
.text, #text, p{  
    color:#589BAB  
}
```

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 #589BAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589BAB
}
```

## Border

The CSS property to change the border of an element to Decimal 5807019 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
#589BAB }
```

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

```
.border{ border-color:#589BAB }
```

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

Here you see how a box with a 4 pixel #589BAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589BAB; -webkit-box-shadow:4px 4px  
4px 4px #589BAB; box-shadow:4px 4px 4px  
4px #589BAB }
```

# Background

The CSS property to change the background color of an element to Decimal 5807019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589BAB }
```

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

```
.background{ background-color:#589BAB }
```

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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