

# Converting Colors

Decimal(5800080)

Have a look what the booklet for  
Decimal(5800080) contains.

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# Color

**Decimal(5800080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	588090
RGB	88, 128, 144
RGB Percent	35%, 50%, 56%
CMY	0.6549, 0.4980, 0.4353
CMYK	0.39, 0.11, 0.00, 0.44
HSL	197°, 24%, 45%
HSV	197°, 39%, 56%
XYZ	16.7777, 19.5267, 29.2703
YIQ	117.8640, -28.9760, -3.5040

# Conversions

## Conversions Part 2

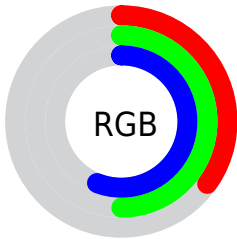
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 111, 144
Decimal	5800080
CIE Lab	51.30, -9.60, -13.05
CIE LCh	51, 16.197, 233.664
Yxy	19.5267, 0.2559, 0.2978
Android (android.graphics.Color)	4283990160 (0xFF588090)
YUV	117.8640, 12.8850, -26.1907
Hunter-Lab	44.1890, -9.5577, -8.3408

# Details

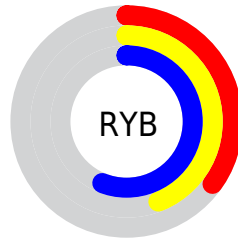
The Decimal color **5800080** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9463896**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **9221574**, and **2510686** is the 20% darker color. If you saturate the color by 10%, you get **4881552**, and if you desaturate by 10%, it is **6718608**.

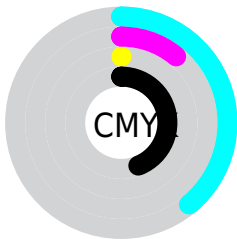
# Distribution



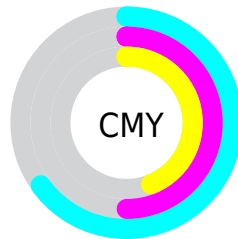
- Red (35%)
- Green (50%)
- Blue (56%)



- Red (35%)
- Yellow (44%)
- Blue (56%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (50%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5800080 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 5800080 by changing the saturation by 10% instead.



■ 5800080

■ 5800080

16777215

■ 4155254

■ 9221574

■ 2510686

■ 10997986

■ 604230

■ 12840446

■ 8752

■ 14680063

■ 2587

■ 16580607

■ 0

■ 5800080

■ 5800080

■ 4881552

■ 6718608

■ 3897488

■ 7702672

■ 2978960

■ 8621200

■ 1994896

■ 9605264

■ 1076112

■ 10524048

■ 157584

■ 11442576

■ 26512

■ 12426640

■ 13345168

■ 14329232

# Harmonies

## Analogous

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



5538437



5800080



6716565

# Triad

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



5800080



9728382



7961953

# Complementary

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



5800080



9463896

# 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.



8943711



5800080



9924976

# Square

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



5800080



9008011



9598052



6914153

# Rectangle

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



580080



7567765



9598052



8289119



# Sweetspot

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



5800080



10794170



5804136



5331806



14606046



6184542



# Same Dimension

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



5800080



6529466



5792912



4212039



24967



1288



# Inverse Universe

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



9459840



12215201



9471064



4669509



8847457



524293



# Previews

## White Background



This preview shows how the Decimal color 5800080 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 580080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

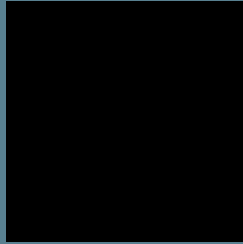
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5800080 Background



This preview shows how black text looks on a background with the Decimal color 5800080.

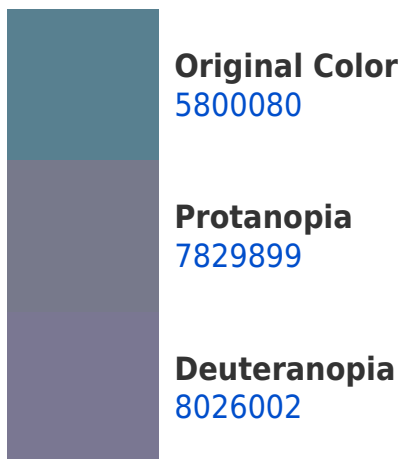


This preview shows how white text looks on a background with the Decimal color 5800080.

# 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**  
5800080

**Protanomaly**  
7109773

**Deuteranomaly**  
7240337

**Tritanomaly**  
5734797

# Monochromacy



**Original Color**  
5800080

**Achromatopsia**  
7763574

**Achromatomaly**  
7043711

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5800080 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 #588090 looks like.

```
.text, #text, p{  
    color:#588090  
}
```

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 #588090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588090
}
```

## Border

The CSS property to change the border of an element to Decimal 5800080 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
#588090 }
```

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

```
.border{ border-color:#588090 }
```

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

Here you see how a box with a 4 pixel #588090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588090; -webkit-box-shadow:4px 4px  
4px 4px #588090; box-shadow:4px 4px 4px  
4px #588090 }
```

# Background

The CSS property to change the background color of an element to Decimal 5800080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588090 }
```

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

```
.background{ background-color:#588090 }
```

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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