

# Converting Colors

Decimal(8353980)

Have a look what the booklet for  
Decimal(8353980) contains.

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# Color

**Decimal(8353980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F78BC
RGB	127, 120, 188
RGB Percent	50%, 47%, 74%
CMY	0.5020, 0.5294, 0.2627
CMYK	0.32, 0.36, 0.00, 0.26
HSL	246°, 34%, 60%
HSV	246°, 36%, 74%
XYZ	24.5460, 21.5758, 50.4478
YIQ	129.8450, -17.6560, 22.6320

# Conversions

## Conversions Part 2

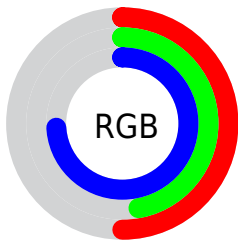
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 120, 188
Decimal	8353980
CIE <sub>Lab</sub>	53.57, 18.52, -34.80
CIE <sub>LCh</sub>	54, 39.425, 298.018
Yxy	21.5758, 0.2542, 0.2234
Android (android.graphics.Color)	4286544060 (0xFF7F78BC)
YUV	129.8450, 28.6704, -2.4951
Hunter-Lab	46.4498, 13.0397, -31.8784

# Details

The Decimal color **8353980** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11910264**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **11906293**, and **4933766** is the 20% darker color. If you saturate the color by 10%, you get **7235004**, and if you desaturate by 10%, it is **9472956**.

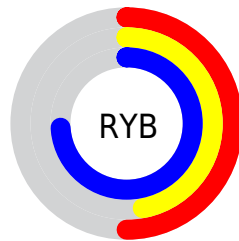
# Distribution



Red (50%)

Green (47%)

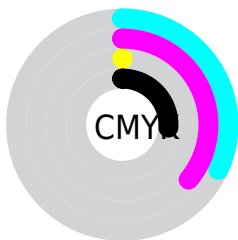
Blue (74%)



Red (50%)

Yellow (47%)

Blue (74%)

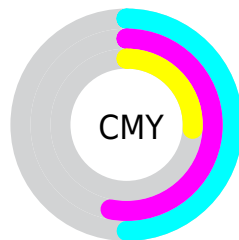


Cyan (32%)

Magenta (36%)

Yellow (0%)

Black (26%)



Cyan (50%)

Magenta (53%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8353980 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 8353980 by changing the saturation by 10% instead.



■ 8353980

■ 8353980

16777215

■ 6643617

■ 11906293

■ 4933766

■ 13814015

■ 3289453

■ 15656191

■ 1514580

■ 1085

■ 806

■ 271

■ 0

■ 8353980

■ 8353980

■ 7235004

■ 9472956

■ 6116028

■ 10591932

■ 4997308

■ 11710652

■ 3943868

■ 12764092

■ 2824892

■ 13883068

■ 1705916

■ 15002044

■ 1245372

■ 16121020

■ 16777148

# Harmonies

## Analogous

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



4162756



8353980



11037604

# Triad

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



8353980



11628871



37245

# Complementary

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



8353980



11910264

# 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.



4886107



8353980



9862458

# Square

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



8353980



12543842



7636802



37279

# Rectangle

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



8353980



12084623



7636802



2003313



# Sweetspot

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



8353980



14539509



7910844



7105146



16448250



8026746



# Same Dimension

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



8353980



9866485



10582204



5657950



1048734



196639



# Inverse Universe

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



12351669



16092394



9682040



6182237



10354830



2031643



# Previews

## White Background



This preview shows how the Decimal color 8353980 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 8353980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

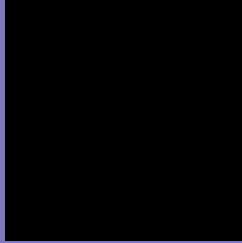
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8353980 Background



This preview shows how black text looks on a background with the Decimal color 8353980.

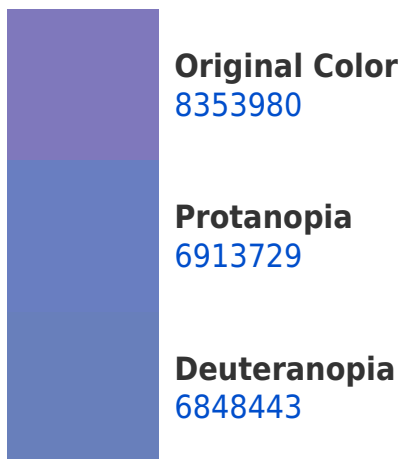


This preview shows how white text looks on a background with the Decimal color 8353980.

# 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**  
7701132

# Trichromacy



**Original Color**  
8353980

**Protanomaly**  
7437503

**Deuteranomaly**  
7371963

**Tritanomaly**  
7962269

# Monochromacy



**Original Color**  
8353980

**Achromatopsia**  
8553090

**Achromatomaly**  
8486551

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8353980 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 #7F78BC looks like.

```
.text, #text, p{  
    color:#7F78BC  
}
```

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 #7F78BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F78BC
}
```

## Border

The CSS property to change the border of an element to Decimal 8353980 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".

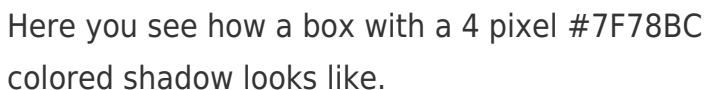
```
.border, #border, table{ border:4px solid
#7F78BC }
```

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

```
.border{ border-color:#7F78BC }
```

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

Here you see how a box with a 4 pixel #7F78BC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F78BC; -webkit-box-shadow:4px 4px  
4px 4px #7F78BC; box-shadow:4px 4px 4px  
4px #7F78BC }
```

# Background

The CSS property to change the background color of an element to Decimal 8353980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F78BC }
```

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

```
.background{ background-color:#7F78BC }
```

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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