

# Converting Colors

Decimal(8097979)

Have a look what the booklet for  
Decimal(8097979) contains.

<b>Decimal(8097979)</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(8097979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B90BB
RGB	123, 144, 187
RGB Percent	48%, 56%, 73%
CMY	0.5176, 0.4353, 0.2667
CMYK	0.34, 0.23, 0.00, 0.27
HSL	220°, 32%, 61%
HSV	220°, 34%, 73%
XYZ	27.1113, 27.7453, 50.9402
YIQ	142.6230, -26.3190, 8.9210

# Conversions

## Conversions Part 2

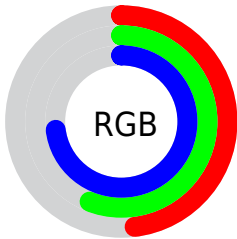
Format	Color
<a href="#">RYB</a>	<a href="#">123, 139, 187</a>
Decimal	<a href="#">8097979</a>
CIELab	<a href="#">59.66, 3.02, -24.82</a>
CIELCh	<a href="#">60, 25.000, 276.945</a>
Yxy	<a href="#">27.7453, 0.2563, 0.2623</a>
Android (android.graphics.Color)	<a href="#">4286288059</a> ( <a href="#">0xFF7B90BB</a> )
YUV	<a href="#">142.6230, 21.8779, -17.2094</a>
Hunter-Lab	<a href="#">52.6738, -0.3051, -20.4669</a>

# Details

The Decimal color **8097979** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12297851**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **11650803**, and **4677254** is the 20% darker color. If you saturate the color by 10%, you get **6849467**, and if you desaturate by 10%, it is **9346491**.

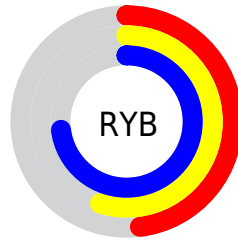
# Distribution



Red (48%)

Green (56%)

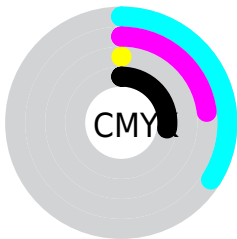
Blue (73%)



Red (48%)

Yellow (55%)

Blue (73%)

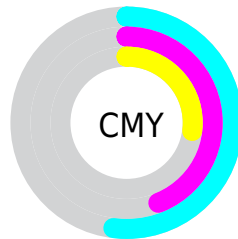


Cyan (34%)

Magenta (23%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (44%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8097979 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 8097979 by changing the saturation by 10% instead.



■ 8097979

■ 8097979

16777215

■ 6387360

■ 11650803

■ 4677254

■ 13492991

■ 3032684

■ 15400703

■ 1257556

■ 7228

■ 295

■ 272

■ 0

■ 8097979

■ 8097979

6849467

9346491

5666747

10529211

4418235

11777723

3169979

13025979

1987003

14208955

738747

15457211

15803

16705723

16774587

16777147

# Harmonies

## Analogous

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



6068152



8097979



10062003

# Triad

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



8097979



12223094



6920830

# Complementary

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



8097979



12297851

# 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.



8558188



8097979



11438440

# Square

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



8097979



12287883



10129508



5479572

# Rectangle

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



8097979



11175080



10129508



7444855



# Sweetspot

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



8097979



14344946



8108966



7106938



16448250



8026746



# Same Dimension

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



8097979



9416946



8813499



5593182



13470



2591



# Inverse Universe

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



12286864



15896496



11582331



6182232



10354740

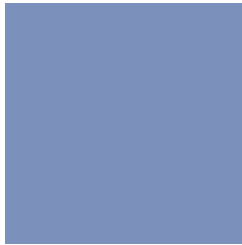


2031626



# Previews

## White Background



This preview shows how the Decimal color 8097979 looks on a white background.

## Color Contrast Check

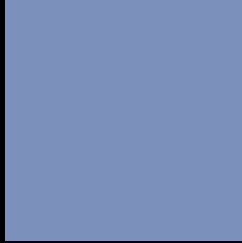
Large Text (above 18pt) WCAG AA ✓ Pass

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 8097979 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

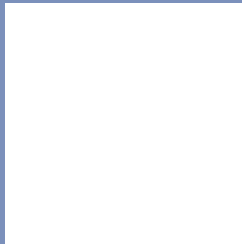
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8097979 Background



This preview shows how black text looks on a background with the Decimal color 8097979.



This preview shows how white text looks on a background with the Decimal color 8097979.

# 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**  
8097979

**Protanopia**  
8687289

**Deuteranopia**  
8752572



**Tritanopia**  
7706017

# Trichromacy



**Original Color**  
8097979

**Protanomaly**  
8490938

**Deuteranomaly**  
8490684

**Tritanomaly**  
7836586

# Monochromacy



**Original Color**  
8097979

**Achromatopsia**  
9408399

**Achromatomaly**  
8949663

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8097979 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 #7B90BB looks like.

```
.text, #text, p{  
    color:#7B90BB  
}
```

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 #7B90BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B90BB
}
```

## Border

The CSS property to change the border of an element to Decimal 8097979 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
#7B90BB }
```

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

```
.border{ border-color:#7B90BB }
```

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

Here you see how a box with a 4 pixel #7B90BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B90BB; -webkit-box-shadow:4px 4px  
4px 4px #7B90BB; box-shadow:4px 4px 4px  
4px #7B90BB }
```

# Background

The CSS property to change the background color of an element to Decimal 8097979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B90BB }
```

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

```
.background{ background-color:#7B90BB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor