

# Converting Colors

Decimal(8092092)

Have a look what the booklet for  
Decimal(8092092) contains.

<b>Decimal(8092092)</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(8092092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B79BC
RGB	123, 121, 188
RGB Percent	48%, 47%, 74%
CMY	0.5176, 0.5255, 0.2627
CMYK	0.35, 0.36, 0.00, 0.26
HSL	242°, 33%, 61%
HSV	242°, 36%, 74%
XYZ	24.0829, 21.5165, 50.4608
YIQ	129.2360, -20.3150, 21.2610

# Conversions

## Conversions Part 2

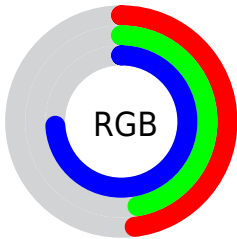
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 121, 188
Decimal	8092092
CIE <sub>Lab</sub>	53.51, 16.78, -34.93
CIE <sub>LCh</sub>	54, 38.749, 295.660
Yxy	21.5165, 0.2507, 0.2240
Android (android.graphics.Color)	4286282172 (0xFF7B79BC)
YUV	129.2360, 28.9707, -5.4690
Hunter-Lab	46.3859, 11.4991, -32.0283

# Details

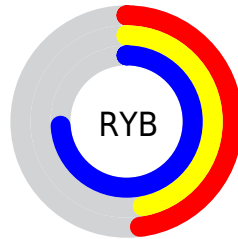
The Decimal color **8092092** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12237945**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **11644405**, and **4671878** is the 20% darker color. If you saturate the color by 10%, you get **6907580**, and if you desaturate by 10%, it is **9276604**.

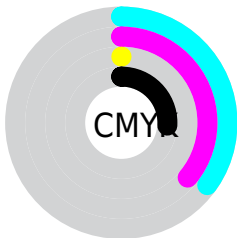
# Distribution



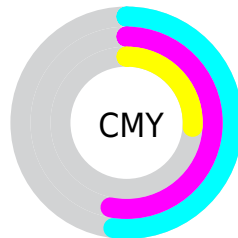
- Red (48%)
- Green (47%)
- Blue (74%)



- Red (48%)
- Yellow (47%)
- Blue (74%)



- Cyan (35%)
- Magenta (36%)
- Yellow (0%)
- Black (26%)



- Cyan (52%)
- Magenta (53%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8092092 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 8092092 by changing the saturation by 10% instead.



■ 8092092

■ 8092092

16777215

■ 6381729

■ 11644405

■ 4671878

■ 13486591

■ 2962029

■ 15394303

■ 1056084

■ 1341

■ 806

■ 271

■ 0

■ 8092092

■ 8092092

■ 6907580

■ 9276604

■ 5723068

■ 10461116

■ 4473276

■ 11710908

■ 3288764

■ 12895420

■ 2104252

■ 14079932

■ 919740

■ 15264444

■ 393404

■ 16514492

■ 16777148

# Harmonies

## Analogous

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



3835330



8092092



10841254

# Triad

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



8092092



11628618



37242

# Complementary

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



8092092



12237945

# 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.



5213529



8092092



9993276

# Square

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



8092092



12478053



7833410



37276

# Rectangle

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



8092092



11953809



7833410



2723950



# Sweetspot

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



8092092



14408437



7977916



7039610



16448250



8026746



# Same Dimension

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



8092092



9407733



10254780



5592414



327838



65567



# Inverse Universe

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



12351930



16092402



10075257



6182238



10354841



2031646



# Previews

## White Background



This preview shows how the Decimal color 8092092 looks on a white background.

## Color Contrast Check

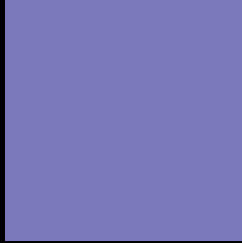
Large Text (above 18pt) WCAG AA ✓ Pass

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 8092092 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

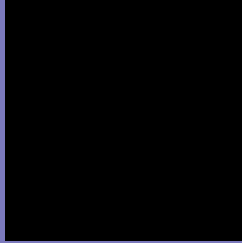
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 8092092 Background



This preview shows how black text looks on a background with the Decimal color 8092092.



This preview shows how white text looks on a background with the Decimal color 8092092.

# 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](#).

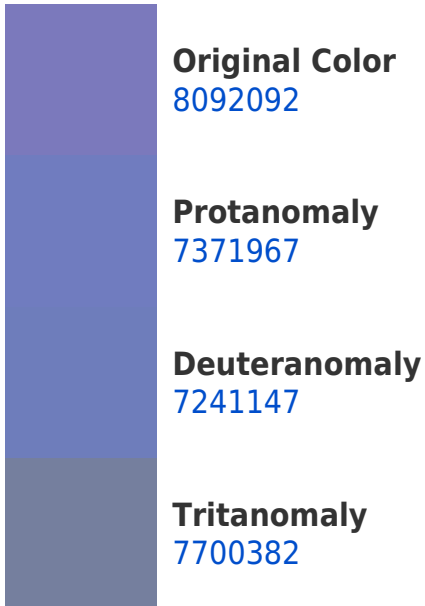
## Dichromacy





**Tritanopia**  
7439245

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8092092 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 #7B79BC looks like.

```
.text, #text, p{  
    color:#7B79BC  
}
```

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 #7B79BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B79BC
}
```

## Border

The CSS property to change the border of an element to Decimal 8092092 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
#7B79BC }
```

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

```
.border{ border-color:#7B79BC }
```

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

Here you see how a box with a 4 pixel #7B79BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B79BC; -webkit-box-shadow:4px 4px  
4px 4px #7B79BC; box-shadow:4px 4px 4px  
4px #7B79BC }
```

# Background

The CSS property to change the background color of an element to Decimal 8092092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B79BC }
```

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

```
.background{ background-color:#7B79BC }
```

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