

# Converting Colors

Decimal(8559810)

Have a look what the booklet for  
Decimal(8559810) contains.

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# **Color**

**Decimal(8559810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	829CC2
RGB	130, 156, 194
RGB Percent	51%, 61%, 76%
CMY	0.4902, 0.3882, 0.2392
CMYK	0.33, 0.20, 0.00, 0.24
HSL	216°, 34%, 64%
HSV	216°, 33%, 76%
XYZ	30.8320, 32.4178, 55.6712
YIQ	152.5580, -27.6940, 6.3060

# Conversions

## Conversions Part 2

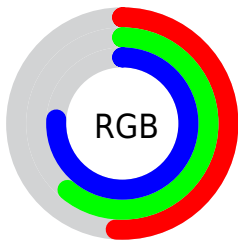
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	130, 148, 194
Decimal	8559810
CIE Lab	63.69, 0.07, -22.54
CIE LCh	64, 22.536, 270.187
Yxy	32.4178, 0.2593, 0.2726
Android (android.graphics.Color)	4286749890 (0xFF829CC2)
YUV	152.5580, 20.4309, -19.7834
Hunter-Lab	56.9366, -2.9788, -18.1166

# Details

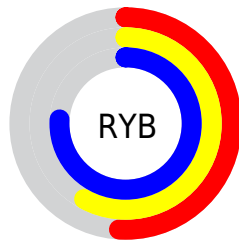
The Decimal color **8559810** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **12757122**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **12112635**, and **5138828** is the 20% darker color. If you saturate the color by 10%, you get **7311554**, and if you desaturate by 10%, it is **9808066**.

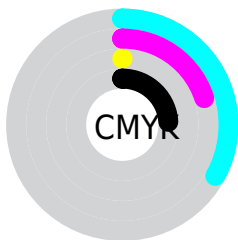
# Distribution



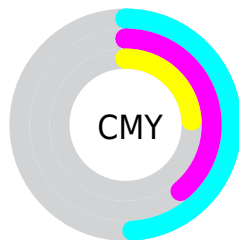
- Red (51%)
- Green (61%)
- Blue (76%)



- Red (51%)
- Yellow (58%)
- Blue (76%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (39%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8559810 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 8559810 by changing the saturation by 10% instead.



■ 8559810

■ 8559810

16777215

■ 6849191

■ 12112635

■ 5138828

■ 14020607

■ 3494259

■ 15859711

■ 1784410

■ 9538

■ 3884

■ 279

■ 0

■ 8559810

■ 8559810

7311554

9808066

5998018

11121602

4749762

12369858

3436226

13683394

2187970

14931650

939970

16179650

20418

16772546

16775362

16777154

# Harmonies

## Analogous

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



6988476



8559810



10393021

# Triad

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



8559810



12815751



8168582

# Complementary

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



8559810



12757122

# 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.



9674615



8559810



12227192

# Square

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



8559810



12684443



11114866



6923930

# Rectangle

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



8559810



11440564



11114866



8692352

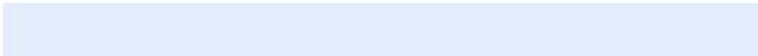


# Sweetspot

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



8559810



14937596



8569511



7370368



0



8421504



# Same Dimension

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



8559810



9945340



8880834



5725025



16801



3361



# Inverse Universe

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



12747420



16553920



12436098



6379355



10551361



2162701



# Previews

## White Background



This preview shows how the Decimal color 8559810 looks on a white background.

## Color Contrast Check

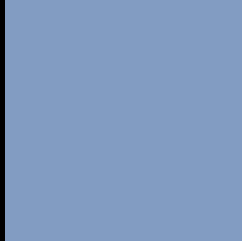
Large Text (above 18pt) WCAG AA × Fail

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 8559810 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 ✓ Pass

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



## Decimal 8559810 Background



This preview shows how black text looks on a background with the Decimal color 8559810.




This preview shows how white text looks on a background with the Decimal color 8559810.

# 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](#).

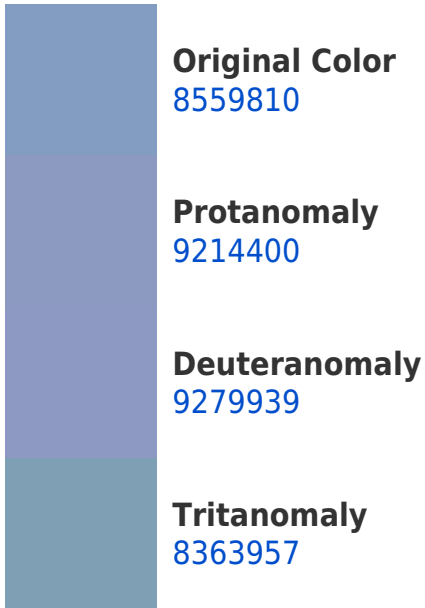
## Dichromacy





**Tritanopia**  
8233133

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8559810 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 #829CC2 looks like.

```
.text, #text, p{  
    color:#829CC2  
}
```

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 #829CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829CC2  
}
```

## Border

The CSS property to change the border of an element to Decimal 8559810 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  
#829CC2 }
```

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

```
.border{ border-color:#829CC2 }
```

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

Here you see how a box with a 4 pixel #829CC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829CC2; -webkit-box-shadow:4px 4px  
4px 4px #829CC2; box-shadow:4px 4px 4px  
4px #829CC2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8559810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829CC2 }
```

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

```
.background{ background-color:#829CC2 }
```

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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