

# Converting Colors

Decimal(8623829)

Have a look what the booklet for  
Decimal(8623829) contains.

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# **Color**

**Decimal(8623829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8396D5
RGB	131, 150, 213
RGB Percent	51%, 59%, 84%
CMY	0.4863, 0.4118, 0.1647
CMYK	0.38, 0.30, 0.00, 0.16
HSL	226°, 49%, 67%
HSV	226°, 38%, 84%
XYZ	32.2767, 31.4421, 67.3186
YIQ	151.5010, -31.5470, 15.5650

# Conversions

## Conversions Part 2

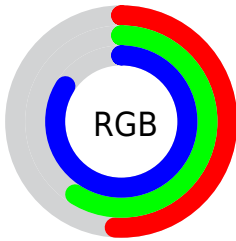
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 146, 213
Decimal	8623829
CIE <sub>Lab</sub>	62.88, 8.84, -34.38
CIE <sub>LCh</sub>	63, 35.501, 284.417
Yxy	31.4421, 0.2463, 0.2399
Android (android.graphics.Color)	4286813909 (0xFF8396D5)
YUV	151.5010, 30.3190, -17.9794
Hunter-Lab	56.0732, 4.6193, -31.9292

# Details

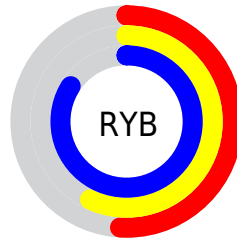
The Decimal color **8623829** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14008963**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **12242175**, and **5071774** is the 20% darker color. If you saturate the color by 10%, you get **7243477**, and if you desaturate by 10%, it is **10004181**.

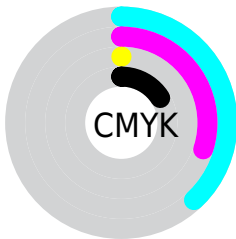
# Distribution



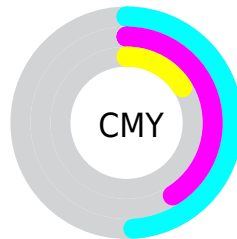
- Red (51%)
- Green (59%)
- Blue (84%)



- Red (51%)
- Yellow (57%)
- Blue (84%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (41%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8623829 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 8623829 by changing the saturation by 10% instead.



■ 8623829

■ 8623829

16777215

■ 6847673

■ 12242175

■ 5071774

■ 14149887

■ 3296388

■ 16056319

■ 1258858

■ 8530

■ 2362

■ 548

■ 12

■ 0

■ 8623829

■ 8623829

■ 7243477

■ 10004181

■ 5797333

■ 11450325

■ 4416981

■ 12830677

■ 3036629

■ 14211029

■ 1590485

■ 15657173

■ 210133

■ 16775381

■ 12757

■ 16777173

# Harmonies

## Analogous

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



5021908



8623829



11504325

# Triad

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



8623829



13600365



5417094

# Complementary

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



8623829



14008963

# 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.



8037226



8623829



12292443

# Square

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



8623829



14057610



10394458



2075047

# Rectangle

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



8623829



12879028



10394458



6334332



# Sweetspot

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



8623829



14739455



8639938



7238272



0



8421504



# Same Dimension

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



8623829



9086463



10060757



6316907



10411



2603



# Inverse Universe

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



13992854



16747173



12572035



7037027



11206696

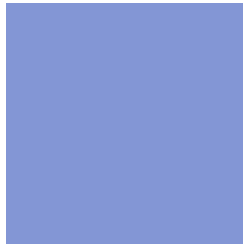


2818058



# Previews

## White Background



This preview shows how the Decimal color 8623829 looks on a white background.

## Color Contrast Check

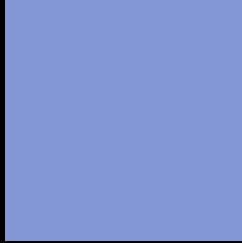
Large Text (above 18pt) WCAG AA × Fail

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 8623829 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 8623829 Background



This preview shows how black text looks on a background with the Decimal color 8623829.



This preview shows how white text looks on a background with the Decimal color 8623829.

# 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**  
8623829

**Protanopia**  
8689365

**Deuteranopia**  
8558293

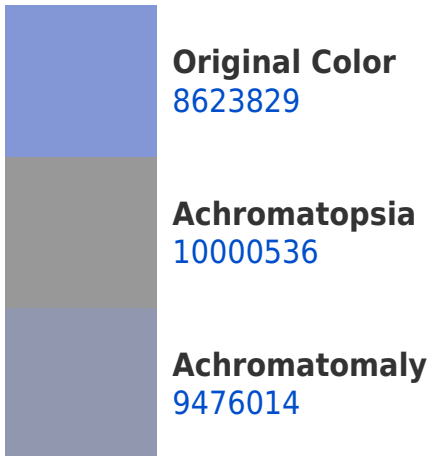


**Tritanopia**  
7970475

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8623829 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 #8396D5 looks like.

```
.text, #text, p{  
    color:#8396D5  
}
```

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 #8396D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8396D5
}
```

## Border

The CSS property to change the border of an element to Decimal 8623829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

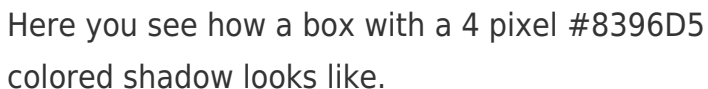
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8396D5 }
```

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

```
.border{ border-color:#8396D5 }
```

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



Here you see how a box with a 4 pixel #8396D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8396D5; -webkit-box-shadow:4px 4px  
4px 4px #8396D5; box-shadow:4px 4px 4px  
4px #8396D5 }
```

# Background

The CSS property to change the background color of an element to Decimal 8623829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8396D5 }
```

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

```
.background{ background-color:#8396D5 }
```

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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