

# Converting Colors

Decimal(5277389)

Have a look what the booklet for  
Decimal(5277389) contains.

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# Color

**Decimal(5277389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5086CD
RGB	80, 134, 205
RGB Percent	31%, 53%, 80%
CMY	0.6863, 0.4745, 0.1961
CMYK	0.61, 0.35, 0.00, 0.20
HSL	214°, 56%, 56%
HSV	214°, 61%, 80%
XYZ	22.8528, 23.1634, 61.0241
YIQ	125.9480, -54.9750, 10.6330

# Conversions

## Conversions Part 2

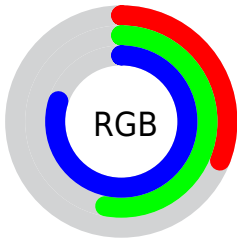
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 118, 205
Decimal	5277389
CIE <sub>Lab</sub>	55.24, 3.84, -42.07
CIE <sub>LCh</sub>	55, 42.243, 275.218
Yxy	23.1634, 0.2135, 0.2164
Android (android.graphics.Color)	4283467469 (0xFF5086CD)
YUV	125.9480, 38.9726, -40.2964
Hunter-Lab	48.1284, 0.5324, -41.4865

# Details

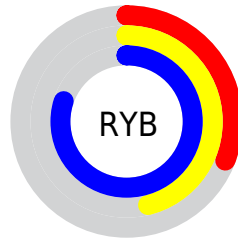
The Decimal color **5277389** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13473616**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **9157631**, and **21910** is the 20% darker color. If you saturate the color by 10%, you get **3963597**, and if you desaturate by 10%, it is **6656717**.

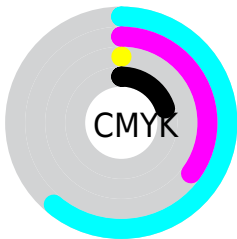
# Distribution



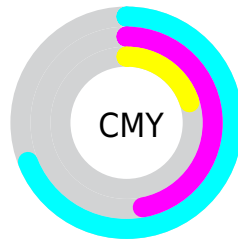
- Red (31%)
- Green (53%)
- Blue (80%)



- Red (31%)
- Yellow (46%)
- Blue (80%)



- Cyan (61%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (47%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5277389 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 5277389 by changing the saturation by 10% instead.



■ 5277389

■ 5277389

16777215

■ 3108273

■ 9157631

■ 21910

■ 11065087

■ 15996

■ 12973055

■ 10595

■ 14942207

■ 5450

■ 1075

■ 541

■ 0

■ 5277389

■ 5277389

■ 3963597

■ 6656717

■ 2584525

■ 7970253

■ 1270733

■ 9349581

■ 22989

■ 10663373

■ 12042445

■ 13356237

■ 14735565

■ 16049101

■ 16773069

# Harmonies

## Analogous

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



37062



5277389



9402560

# Triad

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



5277389



12938076



3904612

# Complementary

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



5277389



13473616

# 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.



7179846



5277389



11695938

# Square

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



5277389



13133183



9733177



38794

# Rectangle

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



5277389



11300782



9733177



5149529

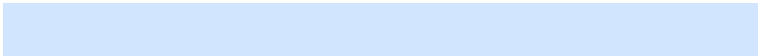


# Sweetspot

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



5277389



13755903



5295511



6516864



0



8421504



# Same Dimension

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



5277389



4560383



5787853



6053990



18598



4390



# Inverse Universe

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



13455494



16729493



12963152



6708320



10879048

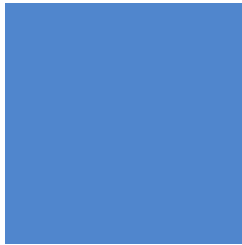


2490385



# Previews

## White Background



This preview shows how the Decimal color 5277389 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 5277389 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 5277389 Background



This preview shows how black text looks on a background with the Decimal color 5277389.



This preview shows how white text looks on a background with the Decimal color 5277389.

# 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](#).

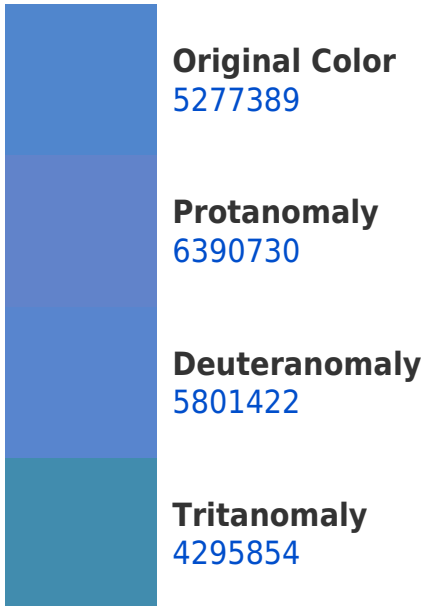
## Dichromacy



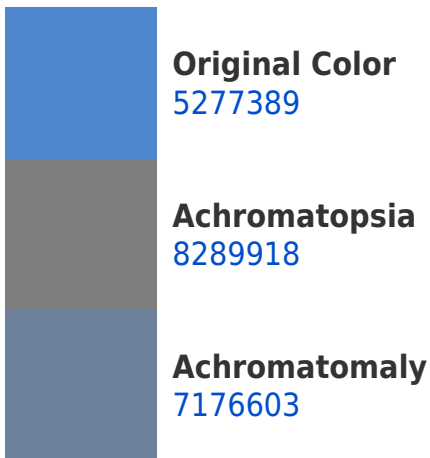


**Tritanopia**  
3772572

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5277389 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 #5086CD looks like.

```
.text, #text, p{  
    color:#5086CD  
}
```

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 #5086CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5086CD
}
```

## Border

The CSS property to change the border of an element to Decimal 5277389 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
#5086CD }
```

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

```
.border{ border-color:#5086CD }
```

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

Here you see how a box with a 4 pixel #5086CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5086CD; -webkit-box-shadow:4px 4px  
4px 4px #5086CD; box-shadow:4px 4px 4px  
4px #5086CD }
```

# Background

The CSS property to change the background color of an element to Decimal 5277389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5086CD }
```

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

```
.background{ background-color:#5086CD }
```

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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