

# Converting Colors

Decimal(5411021)

Have a look what the booklet for  
Decimal(5411021) contains.

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# Color

**Decimal(5411021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5290CD
RGB	82, 144, 205
RGB Percent	32%, 56%, 80%
CMY	0.6784, 0.4353, 0.1961
CMYK	0.60, 0.30, 0.00, 0.20
HSL	210°, 55%, 56%
HSV	210°, 60%, 80%
XYZ	24.4724, 26.1481, 61.5149
YIQ	132.4160, -56.5330, 5.8270

# Conversions

## Conversions Part 2

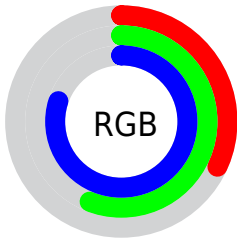
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 123, 205
Decimal	5411021
CIE <sub>Lab</sub>	58.18, -1.64, -37.44
CIE <sub>LCh</sub>	58, 37.481, 267.491
Yxy	26.1481, 0.2182, 0.2332
Android (android.graphics.Color)	4283601101 (0xFF5290CD)
YUV	132.4160, 35.7839, -44.2148
Hunter-Lab	51.1352, -4.0599, -35.5302

# Details

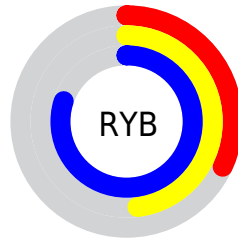
The Decimal color **5411021** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13471570**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **9291519**, and **24214** is the 20% darker color. If you saturate the color by 10%, you get **4097741**, and if you desaturate by 10%, it is **6789837**.

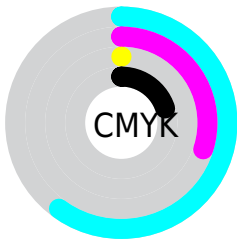
# Distribution



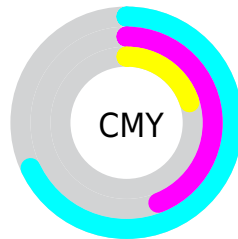
- Red (32%)
- Green (56%)
- Blue (80%)



- Red (32%)
- Yellow (48%)
- Blue (80%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (44%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5411021 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 5411021 by changing the saturation by 10% instead.



■ 5411021

■ 5411021

16777215

■ 3307185

■ 9291519

■ 24214

■ 11133439

■ 18300

■ 13106943

■ 12643

■ 15007743

■ 7243

■ 1076

■ 542

■ 0

■ 5411021

■ 5411021

■ 4097741

■ 6789837

■ 2718925

■ 8103117

■ 1340109

■ 9482189

■ 26573

■ 10795469

■ 12174285

■ 13487565

■ 14866381

■ 16179661

■ 16772045

# Harmonies

## Analogous

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



39106



5411021



9143494

# Triad

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



5411021



13268079



5937767

# Complementary

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



5411021



13471570

# 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.



8557392



5411021



12352853

# Square

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



5411021



13070992



10717513



2268552

# Rectangle

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



5411021



10976440



10717513



6854750

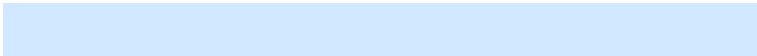


# Sweetspot

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



5411021



13756671



5426573



6517376



0



8421504



# Same Dimension

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



5411021



4695295



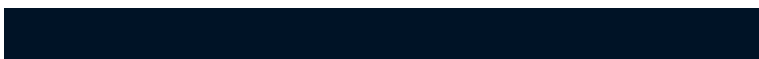
5395661



6054246



21670



4902



# Inverse Universe

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



13456016



16730020



13486930



6708321



10879060



2490387



# Previews

## White Background



This preview shows how the Decimal color 5411021 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 5411021 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 5411021 Background



This preview shows how black text looks on a background with the Decimal color 5411021.

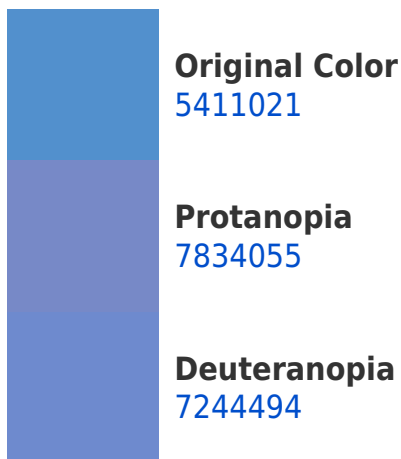



This preview shows how white text looks on a background with the Decimal color 5411021.

# 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](#).

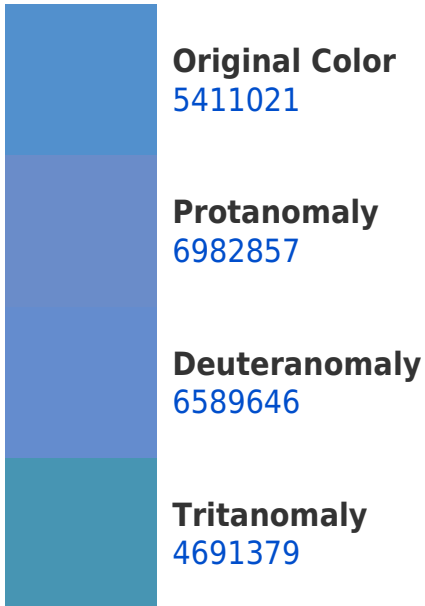
## Dichromacy



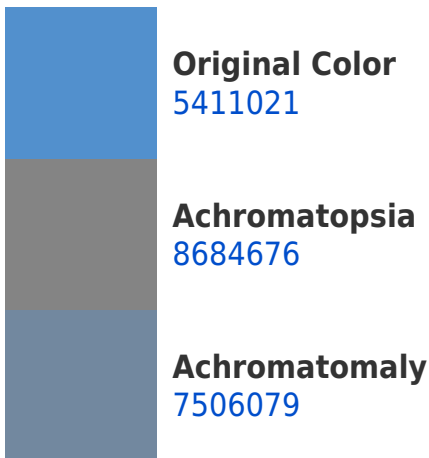


**Tritanopia**  
4233380

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5411021 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 #5290CD looks like.

```
.text, #text, p{  
    color:#5290CD  
}
```

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 #5290CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5290CD
}
```

## Border

The CSS property to change the border of an element to Decimal 5411021 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
#5290CD }
```

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

```
.border{ border-color:#5290CD }
```

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

Here you see how a box with a 4 pixel #5290CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5290CD; -webkit-box-shadow:4px 4px  
4px 4px #5290CD; box-shadow:4px 4px 4px  
4px #5290CD }
```

# Background

The CSS property to change the background color of an element to Decimal 5411021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5290CD }
```

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

```
.background{ background-color:#5290CD }
```

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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