

Converting Colors

Hex(5081C1)

Have a look what the booklet for
Hex(5081C1) contains.

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Color

Hex(5081C1)

Conversions

Conversions Part 1

Format	Color
Hex	5081C1
RGB	80, 129, 193
RGB Percent	31%, 51%, 76%
CMY	0.6863, 0.4941, 0.2431
CMYK	0.59, 0.33, 0.00, 0.24
HSL	214°, 48%, 54%
HSV	214°, 59%, 76%
XYZ	20.7842, 21.2562, 53.4595
YIQ	121.6450, -49.7480, 9.5160

Conversions

Conversions Part 2

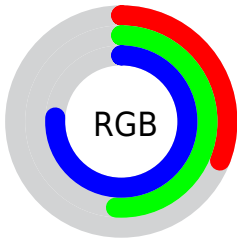
Format	Color
R_{YB}	80, 114, 193
Decimal	5276097
CIE Lab	53.23, 2.83, -38.42
CIE LCh	53, 38.524, 274.216
Yxy	21.2562, 0.2176, 0.2226
Android (android.graphics.Color)	4283466177 (0xFF5081C1)
YUV	121.6450, 35.1780, -36.5227
Hunter-Lab	46.1045, -0.2141, -36.4753

Details

The Hex color **5081C1** 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 **C19050**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **89B6FA**, and **01508B** is the 20% darker color. If you saturate the color by 10%, you get **3D76C1**, and if you desaturate by 10%, it is **638CC1**.

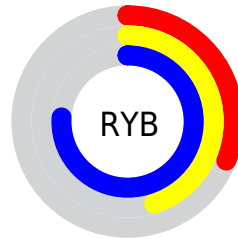
Distribution



Red (31%)

Green (51%)

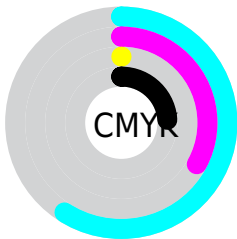
Blue (76%)



Red (31%)

Yellow (45%)

Blue (76%)

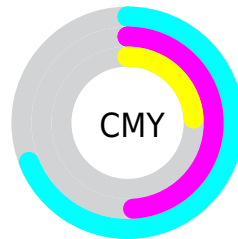


Cyan (59%)

Magenta (33%)

Yellow (0%)

Black (24%)



Cyan (69%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5081C1 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 Hex color 5081C1 by changing the saturation by 10% instead.

■ 5081C1

■ 5081C1

FFFFFF

■ 3168A6

■ 89B6FA

■ 01508B

■ A6D1FF

■ 003A71

■ C3EDFF

■ 002558

■ E0FFFF

■ 000F41

FEFFFF

■ 00032A

■ 000114

■ 000000

■ 5081C1

■ 5081C1

■ 3D76C1

■ 638CC1

■ 296BC1

■ 7797C1

■ 1660C1

■ 8AA2C1

■ 0355C1

■ 9DADC1

■ 0054C1

■ B1B8C1

■ C4C3C1

■ D7CEC1

■ EAD8C1

■ FEE3C1

Harmonies

Analogous

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



008ABA



5081C1



8875B6

Triad

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



5081C1



BB685C



408E61

Complementary

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



5081C1



C19050

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.



6C8846



5081C1



AA7344

Square

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



5081C1



BD647C



8F7F3B



009083

Rectangle

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



5081C1



A26CA6



8F7F3B



518C57

Sweetspot

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



5081C1



CDE0FA



50C18E



616D7D



FCFCFC



7D7D7D

Same Dimension

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



5081C1



4B97FA



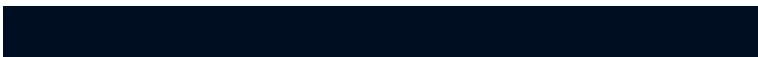
5650C1



575B61



0046A1



000E21

Inverse Universe

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



C15081



FA4B97



BBC150



61575B



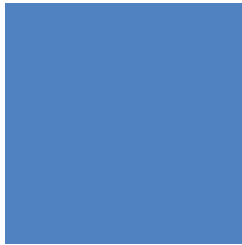
A10046



21000E

Previews

White Background



This preview shows how the Hex color 5081C1 looks on a white background.

Color Contrast Check

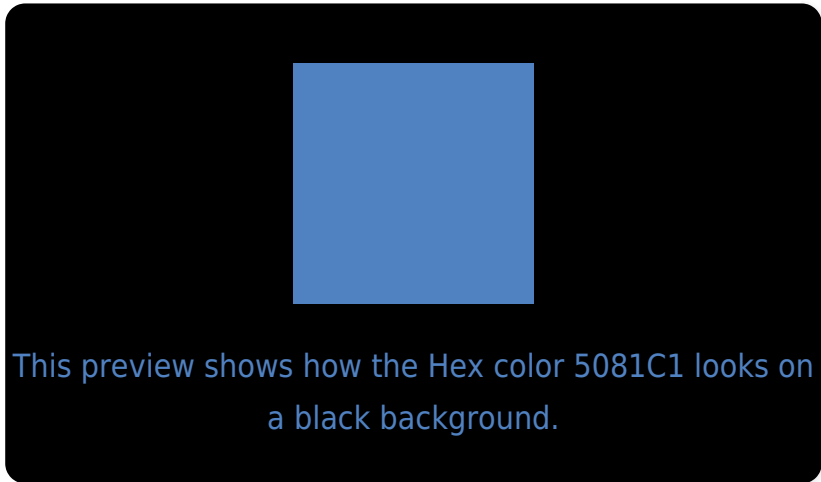
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

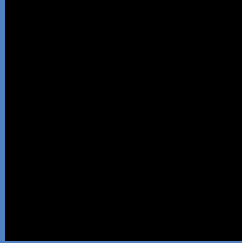
Any Text WCAG AA ✓ Pass

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](#).

Hex 5081C1 Background



This preview shows how black text looks on a background with the Hex color 5081C1.

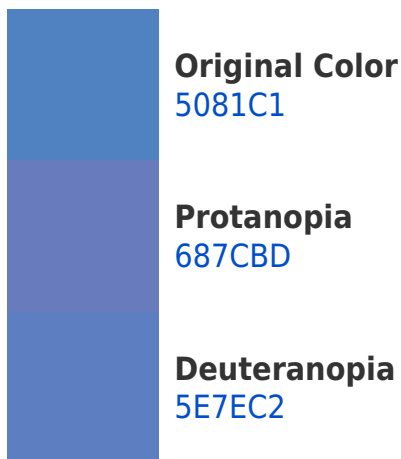


This preview shows how white text looks on a background with the Hex color 5081C1.

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](#).

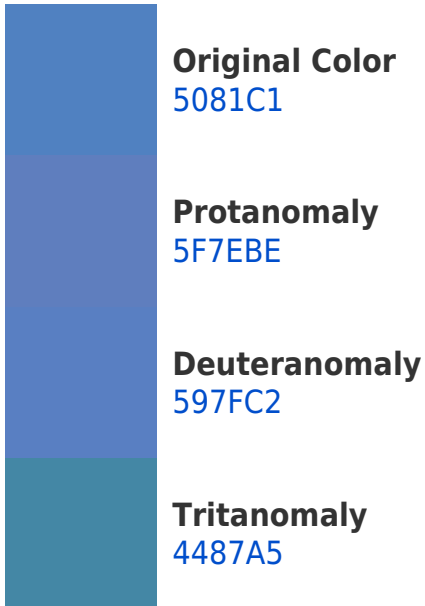
Dichromacy



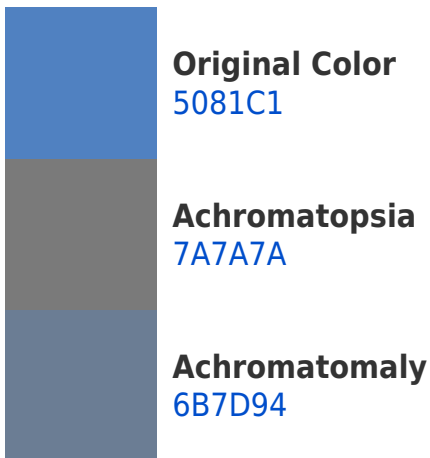


Tritanopia
3D8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5081C1 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 #5081C1 looks like.

```
.text, #text, p{  
    color:#5081C1  
}
```

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 #5081C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5081C1
}
```

Border

The CSS property to change the border of an element to Hex 5081C1 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
#5081C1 }
```

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

```
.border{ border-color:#5081C1 }
```

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

Here you see how a box with a 4 pixel #5081C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5081C1; -webkit-box-shadow:4px 4px  
4px 4px #5081C1; box-shadow:4px 4px 4px  
4px #5081C1 }
```

Background

The CSS property to change the background color of an element to Hex 5081C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5081C1 }
```

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

```
.background{ background-color:#5081C1 }
```

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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