

# Converting Colors

Hex(5161C6)

Have a look what the booklet for  
Hex(5161C6) contains.

<b>Hex(5161C6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(5161C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5161C6
RGB	81, 97, 198
RGB Percent	32%, 38%, 78%
CMY	0.6824, 0.6196, 0.2235
CMYK	0.59, 0.51, 0.00, 0.22
HSL	232°, 51%, 55%
HSV	232°, 59%, 78%
XYZ	17.8611, 14.3759, 55.2595
YIQ	103.7300, -41.9570, 28.0190

# Conversions

## Conversions Part 2

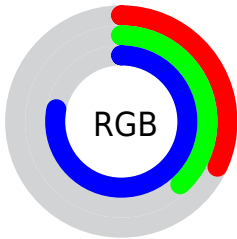
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 95, 198
Decimal	5333446
CIE <sub>Lab</sub>	44.77, 24.46, -54.76
CIE <sub>LCh</sub>	45, 59.976, 294.072
Yxy	14.3759, 0.2041, 0.1643
Android (android.graphics.Color)	4283523526 (0xFF5161C6)
YUV	103.7300, 46.4751, -19.9342
Hunter-Lab	37.9156, 17.7345, -59.8704

# Details

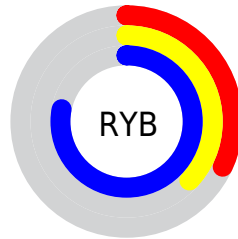
The Hex color **5161C6** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted azure. A complement of this color would be **C6B651**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8B93FF**, and **00338F** is the 20% darker color. If you saturate the color by 10%, you get **3D50C6**, and if you desaturate by 10%, it is **6572C6**.

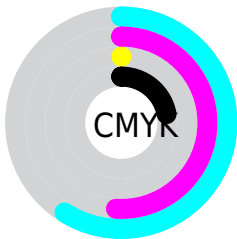
# Distribution



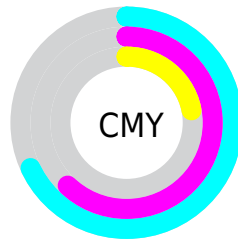
- Red (32%)
- Green (38%)
- Blue (78%)



- Red (32%)
- Yellow (37%)
- Blue (78%)



- Cyan (59%)
- Magenta (51%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (62%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5161C6 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 5161C6 by changing the saturation by 10% instead.



■ 5161C6

■ 5161C6

FFFFFF

■ 3149AA

■ 8B93FF

■ 00338F

■ A8AEFF

■ 001F75

■ C6C9FF

■ 000A5C

■ E3E5FF

■ 000643

■ 00032C

■ 000117

■ 000000

■ 5161C6

■ 5161C6

■ 3D50C6

■ 6572C6

■ 293FC6

■ 7983C6

■ 162EC6

■ 8C94C6

■ 021DC6

■ A0A5C6

■ 001BC6

■ B4B6C6

■ C8C8C6

■ DCD9C6

■ EFEAC6

■ FFFBC6

# Harmonies

## Analogous

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



0073CE



5161C6



9C48A5

# Triad

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



5161C6



AC4F15



00805E

# Complementary

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



5161C6



C6B651

# 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.



007C2A



5161C6



886400

# Square

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



5161C6



C03744



597300



008091

# Rectangle

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



5161C6



B53887



597300



007F4D



# Sweetspot

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



5161C6



D1D7FF



51C6B4



636780



000000



808080



# Same Dimension

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



5161C6



4A63FF



7A51C6



5A5B63



0016A3



000524



# Inverse Universe

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



C65161



FF4A63



9DC651



635A5B



A30016

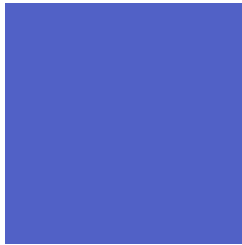


240005



# Previews

## White Background



This preview shows how the Hex color 5161C6 looks on a white background.

## Color Contrast Check

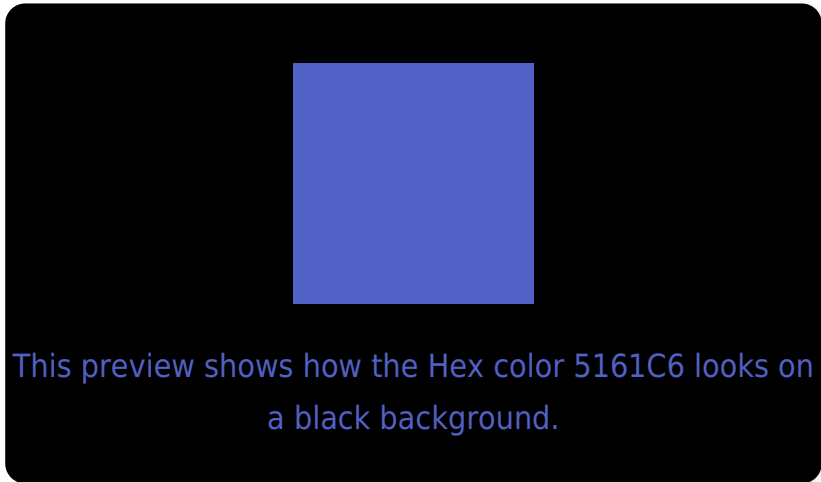
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

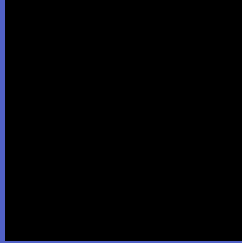
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5161C6 Background



This preview shows how black text looks on a background with the Hex color 5161C6.



This preview shows how white text looks on a background with the Hex color 5161C6.

# 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



# Trichromacy



**Original Color**  
5161C6

**Protanomaly**  
3B64C9

**Tritanomaly**  
3D6C97

# Monochromacy



**Original Color**  
5161C6

**Achromatopsia**  
686868

**Achromatomaly**  
60658A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5161C6 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 #5161C6 looks like.

```
.text, #text, p{  
    color:#5161C6  
}
```

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 #5161C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5161C6
}
```

## Border

The CSS property to change the border of an element to Hex 5161C6 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".

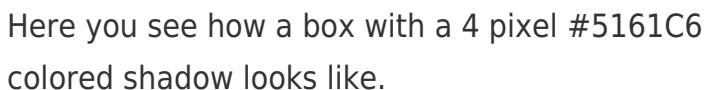
```
.border, #border, table{ border:4px solid
#5161C6 }
```

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

```
.border{ border-color:#5161C6 }
```

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

Here you see how a box with a 4 pixel #5161C6 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5161C6; -webkit-box-shadow:4px 4px  
4px 4px #5161C6; box-shadow:4px 4px 4px  
4px #5161C6 }
```

# Background

The CSS property to change the background color of an element to Hex 5161C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5161C6 }
```

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

```
.background{ background-color:#5161C6 }
```

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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