

# Converting Colors

Hex(5B14C4)

Have a look what the booklet for  
Hex(5B14C4) contains.

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**Color**

**Hex(5B14C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B14C4
RGB	91, 20, 196
RGB Percent	36%, 8%, 77%
CMY	0.6431, 0.9216, 0.2314
CMYK	0.54, 0.90, 0.00, 0.23
HSL	264°, 81%, 42%
HSV	264°, 90%, 77%
XYZ	14.5283, 6.7100, 52.7540
YIQ	61.2930, -14.1800, 69.7880

# Conversions

## Conversions Part 2

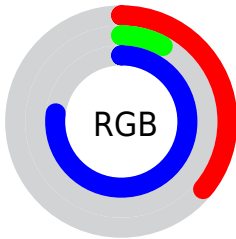
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 20, 196
Decimal	5969092
CIELab	31.14, 64.16, -75.81
CIElCh	31, 99.318, 310.242
Yxy	6.7100, 0.1963, 0.0907
Android (android.graphics.Color)	4284159172 (0xFF5B14C4)
YUV	61.2930, 66.4106, 26.0530
Hunter-Lab	25.9036, 54.7824, -102.6144

# Details

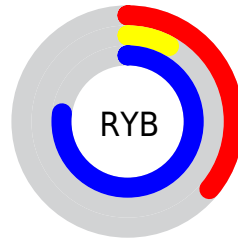
The Hex color **5B14C4** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **7DC414**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **984FFE**, and **06008D** is the 20% darker color. If you saturate the color by 10%, you get **4F00C4**, and if you desaturate by 10%, it is **6728C4**.

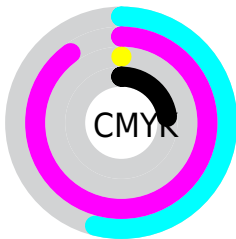
# Distribution



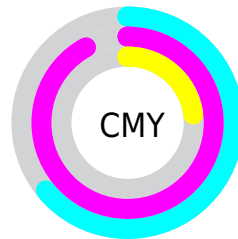
- Red (36%)
- Green (8%)
- Blue (77%)



- Red (36%)
- Yellow (8%)
- Blue (77%)



- Cyan (54%)
- Magenta (90%)
- Yellow (0%)
- Black (23%)



- Cyan (64%)
- Magenta (92%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B14C4 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 5B14C4 by changing the saturation by 10% instead.



5B14C4

5B14C4

FFFFFF

3A00A8

984FFE

06008D

B66AFF

000072

D485FF

000059

F3A0FF

000740

FFBCFF

000329

FFD9FF

000113

FFF6FF

000000

5B14C4

5B14C4

■ 4F00C4

■ 6728C4

■ 723BC4

■ 7E4FC4

■ 8A62C4

■ 9576C4

■ A18AC4

■ AD9DC4

■ B9B1C4

■ C4C4C4

# Harmonies

## Analogous

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



004FE9



5B14C4



B10080

# Triad

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



5B14C4



822F00



006264

# Complementary

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



5B14C4



7DC414

# 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.



006008



5B14C4



424F00

# Square

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



5B14C4



B00000



005C00



0064AF

# Rectangle

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



5B14C4



C3004D



005C00



006148



# Sweetspot

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



5B14C4



D6BAFF



147EC4



675780



000000



808080



# Same Dimension

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



5B14C4



6700FF



B214C4



5B5761



4100A1



0D0021



# Inverse Universe

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



C4147D



FF0098



26C414



61575D



A10060

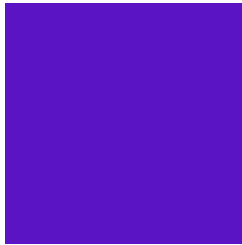


210014



# Previews

## White Background



This preview shows how the Hex color 5B14C4 looks on a white background.

## Color Contrast Check

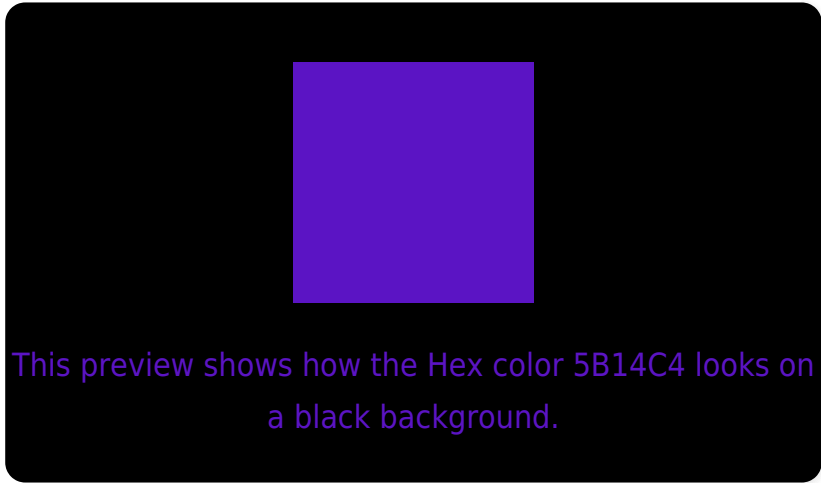
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

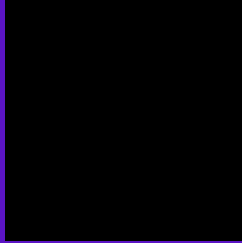
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B14C4 Background



This preview shows how black text looks on a background with the Hex color 5B14C4.



This preview shows how white text looks on a background with the Hex color 5B14C4.

# 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](#).

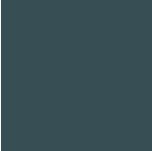
## Dichromacy



**Original Color**  
5B14C4

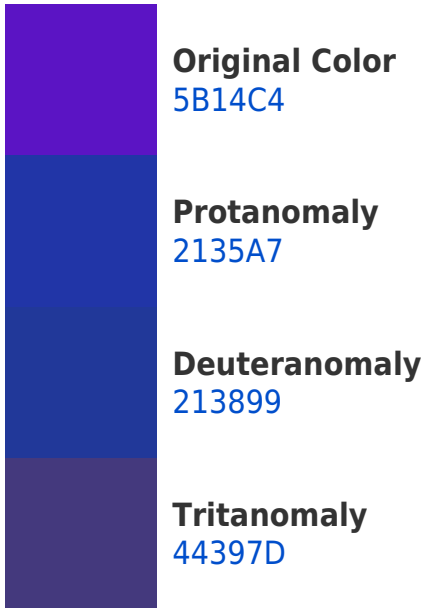
**Protanopia**  
004896

**Deuteranopia**  
004C81



**Tritanopia**  
374E54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B14C4 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 #5B14C4 looks like.

```
.text, #text, p{  
    color:#5B14C4  
}
```

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 #5B14C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B14C4
}
```

## Border

The CSS property to change the border of an element to Hex 5B14C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

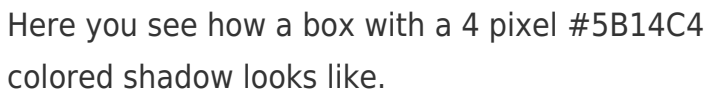
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B14C4 }
```

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

```
.border{ border-color:#5B14C4 }
```

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



Here you see how a box with a 4 pixel #5B14C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B14C4; -webkit-box-shadow:4px 4px  
4px 4px #5B14C4; box-shadow:4px 4px 4px  
4px #5B14C4 }
```

# Background

The CSS property to change the background color of an element to Hex 5B14C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B14C4 }
```

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

```
.background{ background-color:#5B14C4 }
```

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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