

Converting Colors

Hex(5143C4)

Have a look what the booklet for
Hex(5143C4) contains.

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Color

Hex(5143C4)

Conversions

Conversions Part 1

Format	Color
Hex	5143C4
RGB	81, 67, 196
RGB Percent	32%, 26%, 77%
CMY	0.6824, 0.7373, 0.2314
CMYK	0.59, 0.66, 0.00, 0.23
HSL	247°, 52%, 52%
HSV	247°, 66%, 77%
XYZ	15.3643, 9.7492, 53.2965
YIQ	85.8920, -33.0650, 43.0870

Conversions

Conversions Part 2

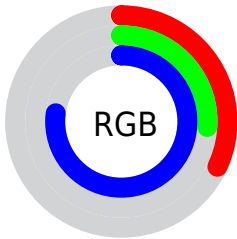
Format	Color
R_{YB}	81, 67, 196
Decimal	5325764
CIE _{Lab}	37.39, 42.25, -65.57
CIE _{LCh}	37, 78.003, 302.795
Yxy	9.7492, 0.1959, 0.1243
Android (android.graphics.Color)	4283515844 (0xFF5143C4)
YUV	85.8920, 54.2832, -4.2903
Hunter-Lab	31.2236, 33.1936, -79.3472

Details

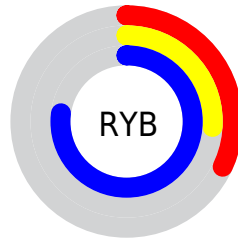
The Hex color **5143C4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B6C443**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8D74FE**, and **00158D** is the 20% darker color. If you saturate the color by 10%, you get **402FC4**, and if you desaturate by 10%, it is **6257C4**.

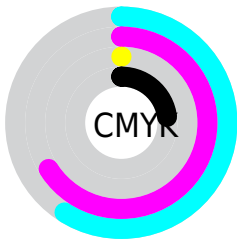
Distribution



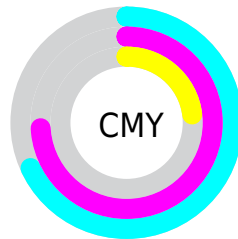
- Red (32%)
- Green (26%)
- Blue (77%)



- Red (32%)
- Yellow (26%)
- Blue (77%)



- Cyan (59%)
- Magenta (66%)
- Yellow (0%)
- Black (23%)



- Cyan (68%)
- Magenta (74%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5143C4 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 5143C4 by changing the saturation by 10% instead.

■ 5143C4

■ 5143C4

FFFFFF

■ 2F2CA8

■ 8D74FE

■ 00158D

■ AA8EFF

■ 000273

■ C8A9FF

■ 000059

■ E6C4FF

■ 000741

■ FFE1FF

■ 00032A

■ FFFDFF

■ 000114

■ 000000

■ 5143C4

■ 5143C4

■ 402FC4

■ 6257C4

■ 2E1CC4

■ 746AC4

■ 1D08C4

■ 857EC4

■ 1500C4

■ 9791C4

■ A8A5C4

■ BAB9C4

■ CBCCC4

■ DDE0C4

■ EEF3C4

Harmonies

Analogous

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



0060D9



5143C4



A40093

Triad

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



5143C4



983C00



00705D

Complementary

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



5143C4



B6C443

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.



006D15



5143C4



675800

Square

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



5143C4



B80017



1F6600



00719C

Rectangle

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



5143C4



BB006A



1F6600



006F46

Sweetspot

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



5143C4



D2CCFF



43B7C4



646180



000000



808080

Same Dimension

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



5143C4



4B36FF



9043C4



585761



1100A1



040021

Inverse Universe

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



C443B6



FF36E9



77C443



615760



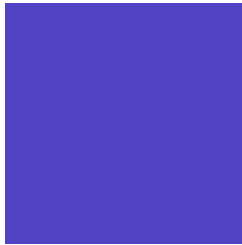
A1008F



21001E

Previews

White Background



This preview shows how the Hex color 5143C4 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

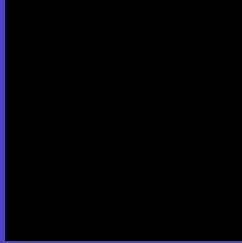
Any Text WCAG AA × Fail

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 5143C4 Background



This preview shows how black text looks on a background with the Hex color 5143C4.



This preview shows how white text looks on a background with the Hex color 5143C4.

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
295F67

Trichromacy



Original Color
5143C4

Protanomaly
1D4EB9

Deuteranomaly
1D52A9

Tritanomaly
385589

Monochromacy



Original Color
5143C4

Achromatopsia
565656

Achromatomaly
544F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5143C4 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 #5143C4 looks like.

```
.text, #text, p{  
    color:#5143C4  
}
```

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 #5143C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5143C4
}
```

Border

The CSS property to change the border of an element to Hex 5143C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

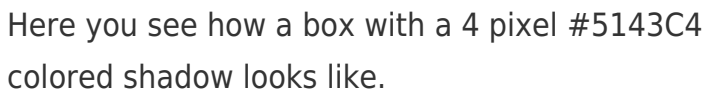
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5143C4 }
```

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

```
.border{ border-color:#5143C4 }
```

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



Here you see how a box with a 4 pixel #5143C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5143C4; -webkit-box-shadow:4px 4px  
4px 4px #5143C4; box-shadow:4px 4px 4px  
4px #5143C4 }
```

Background

The CSS property to change the background color of an element to Hex 5143C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5143C4 }
```

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

```
.background{ background-color:#5143C4 }
```

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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