

Converting Colors

Hex(5D40BF)

Have a look what the booklet for
Hex(5D40BF) contains.

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Color

Hex(5D40BF)

Conversions

Conversions Part 1

Format	Color
Hex	5D40BF
RGB	93, 64, 191
RGB Percent	36%, 25%, 75%
CMY	0.6353, 0.7490, 0.2510
CMYK	0.51, 0.66, 0.00, 0.25
HSL	254°, 50%, 50%
HSV	254°, 66%, 75%
XYZ	15.7516, 9.7555, 50.3430
YIQ	87.1490, -23.4830, 45.6450

Conversions

Conversions Part 2

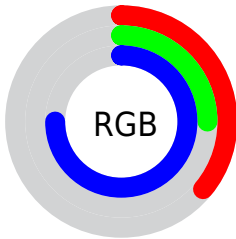
Format	Color
R_{YB}	93, 64, 191
Decimal	6111423
CIE _{Lab}	37.40, 44.47, -62.58
CIE _{LCh}	37, 76.773, 305.395
Yxy	9.7555, 0.2077, 0.1286
Android (android.graphics.Color)	4284301503 (0xFF5D40BF)
YUV	87.1490, 51.1985, 5.1313
Hunter-Lab	31.2339, 35.3602, -73.7005

Details

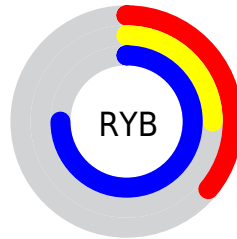
The Hex color **5D40BF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **A2BF40**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9772F8**, and **1A1088** is the 20% darker color. If you saturate the color by 10%, you get **4E2DBF**, and if you desaturate by 10%, it is **6C53BF**.

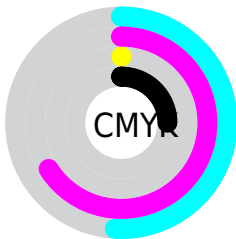
Distribution



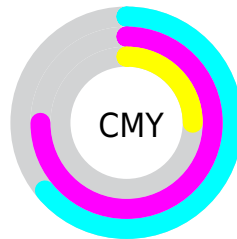
- Red (36%)
- Green (25%)
- Blue (75%)



- Red (36%)
- Yellow (25%)
- Blue (75%)



- Cyan (51%)
- Magenta (66%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D40BF 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 5D40BF by changing the saturation by 10% instead.

■ 5D40BF

■ 5D40BF

FFFFFF

■ 3F28A3

■ 9772F8

■ 1A1088

■ B48CFF

■ 00006E

■ D1A7FF

■ 000055

■ EFC2FF

■ 00063D

■ FFDEFF

■ 000226

■ FFFBFF

■ 00010F

■ 000000

■ 5D40BF

■ 5D40BF

■ 4E2DBF

■ 6C53BF

■ 401ABF

■ 7A66BF

■ 3107BF

■ 8979BF

■ 2C00BF

■ 988CBF

■ A7A0BF

■ B5B3BF

■ C4C6BF

■ D3D9BF

■ E2ECBF

Harmonies

Analogous

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



005ED6



5D40BF



A7008D

Triad

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



5D40BF



933F00



007062

Complementary

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



5D40BF



A2BF40

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.



006D1E



5D40BF



625A00

Square

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



5D40BF



B50012



146700



00709F

Rectangle

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



5D40BF



BB0064



146700



006F4C

Sweetspot

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



5D40BF



D1C6F7



40A3BF



665F7D



FCFCFC



7D7D7D

Same Dimension

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



5D40BF



5F31F7



9B40BF



57555E



24009E



07001F

Inverse Universe

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



BF40A2



F731CA



64BF40



5E555C



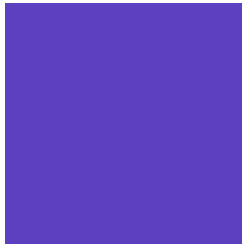
9E007A



1F0018

Previews

White Background



This preview shows how the Hex color 5D40BF 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

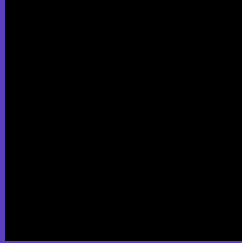
Any Text WCAG AA × Fail

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 5D40BF Background



This preview shows how black text looks on a background with the Hex color 5D40BF.

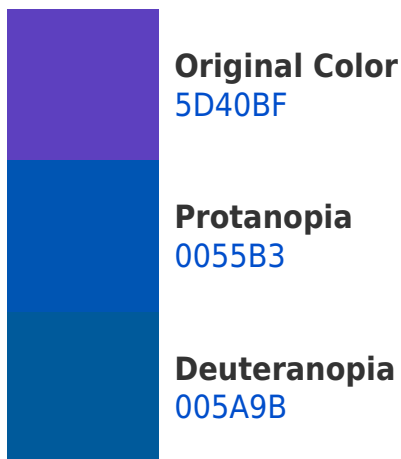



This preview shows how white text looks on a background with the Hex color 5D40BF.

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
415C64

Trichromacy



Original Color
5D40BF



Protanomaly
224DB7



Deuteranomaly
2251A8



Tritanomaly
4B5285

Monochromacy



Original Color
5D40BF



Achromatopsia
575757



Achromatomaly
594F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D40BF 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 #5D40BF looks like.

```
.text, #text, p{  
    color:#5D40BF  
}
```

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 #5D40BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D40BF
}
```

Border

The CSS property to change the border of an element to Hex 5D40BF 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
#5D40BF }
```

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

```
.border{ border-color:#5D40BF }
```

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

Here you see how a box with a 4 pixel #5D40BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D40BF; -webkit-box-shadow:4px 4px  
4px 4px #5D40BF; box-shadow:4px 4px 4px  
4px #5D40BF }
```

Background

The CSS property to change the background color of an element to Hex 5D40BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D40BF }
```

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

```
.background{ background-color:#5D40BF }
```

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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