

Converting Colors

Hex(5D40B4)

Have a look what the booklet for
Hex(5D40B4) contains.

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Color

Hex(5D40B4)

Conversions

Conversions Part 1

Format	Color
Hex	5D40B4
RGB	93, 64, 180
RGB Percent	36%, 25%, 71%
CMY	0.6353, 0.7490, 0.2941
CMYK	0.48, 0.64, 0.00, 0.29
HSL	255°, 48%, 48%
HSV	255°, 64%, 71%
XYZ	14.5858, 9.2892, 44.2043
YIQ	85.8950, -19.9520, 42.2240

Conversions

Conversions Part 2

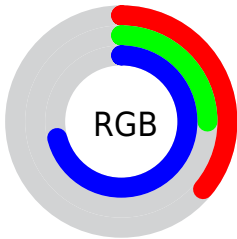
Format	Color
R_{YB}	93, 64, 180
Decimal	6111412
CIE _{Lab}	36.54, 41.25, -57.51
CIE _{LCh}	37, 70.775, 305.646
Yxy	9.2892, 0.2142, 0.1364
Android (android.graphics.Color)	4284301492 (0xFF5D40B4)
YUV	85.8950, 46.3938, 6.2311
Hunter-Lab	30.4782, 32.0869, -64.6567

Details

The Hex color **5D40B4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **97B440**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9671ED**, and **1F117E** is the 20% darker color. If you saturate the color by 10%, you get **502EB4**, and if you desaturate by 10%, it is **6B52B4**.

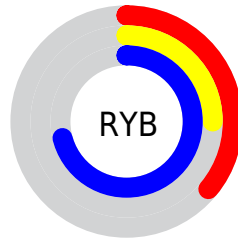
Distribution



Red (36%)

Green (25%)

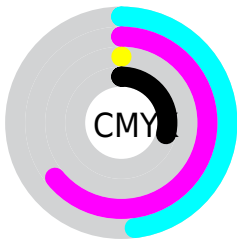
Blue (71%)



Red (36%)

Yellow (25%)

Blue (71%)

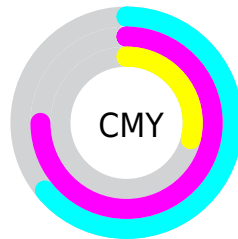


Cyan (48%)

Magenta (64%)

Yellow (0%)

Black (29%)



Cyan (64%)

Magenta (75%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D40B4 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 5D40B4 by changing the saturation by 10% instead.

■ 5D40B4

■ 5D40B4

FFFFFF

■ 402899

■ 9671ED

■ 1F117E

■ B28BFF

■ 000064

■ CFA6FF

■ 00004C

■ EDC2FF

■ 000434

■ FFDEFF

■ 00021E

■ FFFBFF

■ 000000

■ 5D40B4

■ 5D40B4

■ 502EB4

■ 6B52B4

421CB4

7864B4

350AB4

8676B4

2D00B4

9388B4

A19AB4

AEACB4

BCBEB4

C9D0B4

D7E2B4

Harmonies

Analogous

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



005BC9



5D40B4



9F0886

Triad

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



5D40B4



8E4000



006D60

Complementary

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



5D40B4



97B440

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.



006A22



5D40B4



605700

Square

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



5D40B4



AC1216



1C6400



006D98

Rectangle

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



5D40B4



B20061



1C6400



006C4C

Sweetspot

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



5D40B4



C9BEEB



4097B4



615A75



F5F5F5



757575

Same Dimension

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



5D40B4



6336EB



9740B4



535059



260099



06001A

Inverse Universe

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



B44097



EB36BD



5DB440



595057



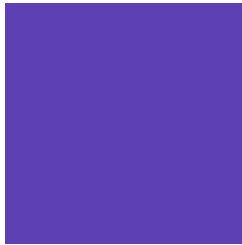
990073



1A0013

Previews

White Background



This preview shows how the Hex color 5D40B4 looks on a white background.

Color Contrast Check

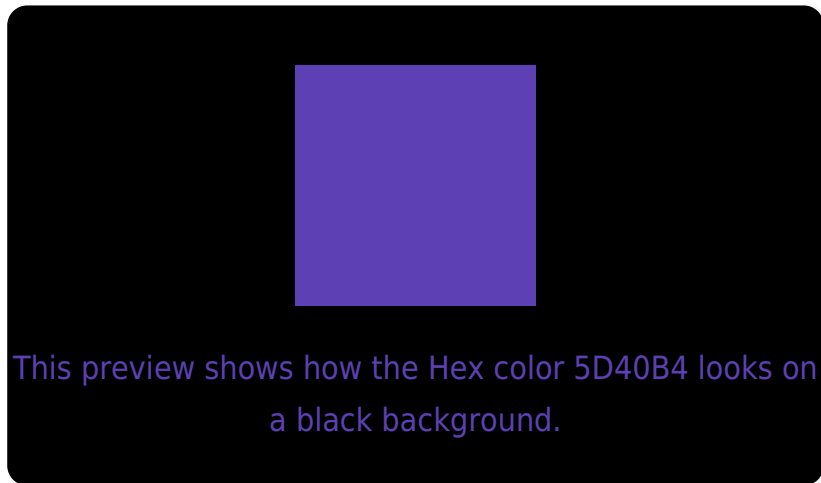
Large Text (above 18pt) WCAG AA ✓ Pass

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

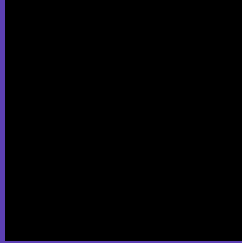
Any Text WCAG AA × Fail

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 5D40B4 Background



This preview shows how black text looks on a background with the Hex color 5D40B4.

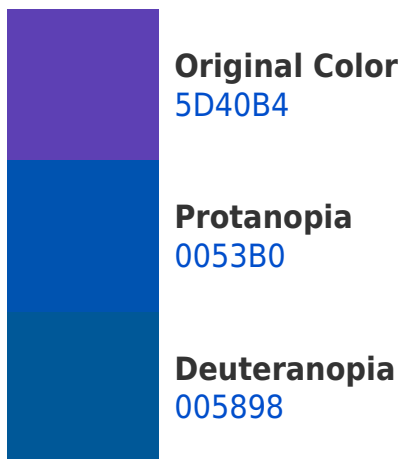


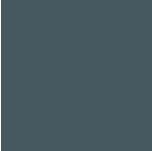
This preview shows how white text looks on a background with the Hex color 5D40B4.

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
465960

Trichromacy



Original Color
5D40B4



Protanomaly
224CB1



Deuteranomaly
224FA2



Tritanomaly
4E507F

Monochromacy



Original Color
5D40B4



Achromatopsia
565656



Achromatomaly
594E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D40B4 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 #5D40B4 looks like.

```
.text, #text, p{  
    color:#5D40B4  
}
```

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 #5D40B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D40B4
}
```

Border

The CSS property to change the border of an element to Hex 5D40B4 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
#5D40B4 }
```

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

```
.border{ border-color:#5D40B4 }
```

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

Here you see how a box with a 4 pixel #5D40B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D40B4; -webkit-box-shadow:4px 4px  
4px 4px #5D40B4; box-shadow:4px 4px 4px  
4px #5D40B4 }
```

Background

The CSS property to change the background color of an element to Hex 5D40B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D40B4 }
```

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

```
.background{ background-color:#5D40B4 }
```

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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