

Converting Colors

Hex(5F30B6)

Have a look what the booklet for
Hex(5F30B6) contains.

Hex(5F30B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(5F30B6)

Conversions

Conversions Part 1

Format	Color
Hex	5F30B6
RGB	95, 48, 182
RGB Percent	37%, 19%, 71%
CMY	0.6275, 0.8118, 0.2863
CMYK	0.48, 0.74, 0.00, 0.29
HSL	261°, 58%, 45%
HSV	261°, 74%, 71%
XYZ	14.2198, 7.9242, 45.0360
YIQ	77.3290, -15.0020, 51.6380

Conversions

Conversions Part 2

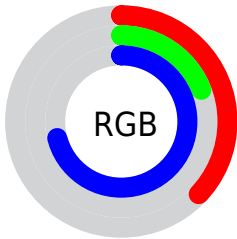
Format	Color
R_{YB}	95, 48, 182
Decimal	6238390
CIE _{Lab}	33.82, 50.67, -63.11
CIE _{LCh}	34, 80.936, 308.761
Yxy	7.9242, 0.2117, 0.1180
Android (android.graphics.Color)	4284428470 (0xFF5F30B6)
YUV	77.3290, 51.6028, 15.4975
Hunter-Lab	28.1500, 40.9057, -75.1508

Details

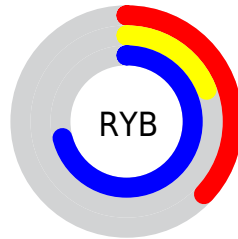
The Hex color **5F30B6** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **87B630**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9963EF**, and **1F0080** is the 20% darker color. If you saturate the color by 10%, you get **531EB6**, and if you desaturate by 10%, it is **6B42B6**.

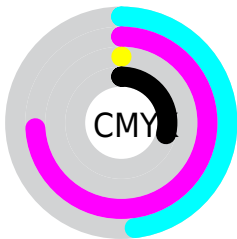
Distribution



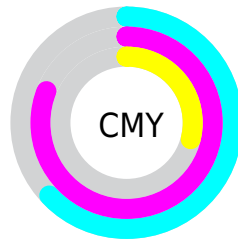
- Red (37%)
- Green (19%)
- Blue (71%)



- Red (37%)
- Yellow (19%)
- Blue (71%)



- Cyan (48%)
- Magenta (74%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (81%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F30B6 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 5F30B6 by changing the saturation by 10% instead.

5F30B6

5F30B6

FFFFFF

41169B

9963EF

1F0080

B67DFF

000066

D397FF

00004D

F1B3FF

000535

FFCFFF

00021F

FFEBFF

000002

000000

5F30B6

5F30B6

■ 531EB6

■ 6B42B6

■ 470CB6

■ 7754B6

■ 4000B6

■ 8267B6

■ 8E79B6

■ 9A8BB6

■ A69DB6

■ B2AFB6

■ BEC2B6

■ C9D4B6

Harmonies

Analogous

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



0054D2



5F30B6



A50080

Triad

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



5F30B6



863900



006762

Complementary

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



5F30B6



87B630

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.



00651B



5F30B6



515300

Square

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



5F30B6



AA0000



006000



0068A0

Rectangle

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



5F30B6



B60055



006000



00674B

Sweetspot

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



5F30B6



CBB9ED



3087B6



645978



F7F7F7



787878

Same Dimension

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



5F30B6



661CED



A230B6



56535C



37009C



0A001C

Inverse Universe

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



B63087



ED1CA4



44B630



5C5359



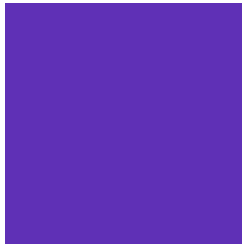
9C0065



1C0012

Previews

White Background



This preview shows how the Hex color 5F30B6 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 5F30B6 Background



This preview shows how black text looks on a background with the Hex color 5F30B6.

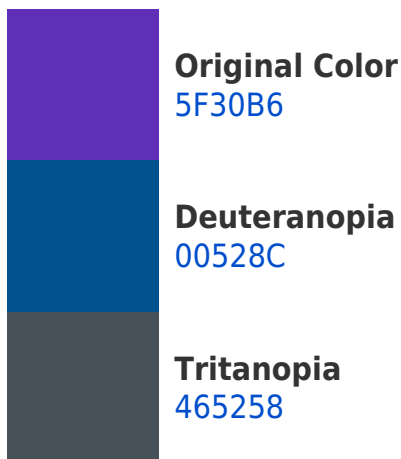


This preview shows how white text looks on a background with the Hex color 5F30B6.

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
5F30B6

Deuteranomaly
23469B

Tritanomaly
4F467A

Monochromacy



Original Color
5F30B6

Achromatopsia
4D4D4D

Achromatomaly
544273

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F30B6 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 #5F30B6 looks like.

```
.text, #text, p{  
    color:#5F30B6  
}
```

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 #5F30B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F30B6
}
```

Border

The CSS property to change the border of an element to Hex 5F30B6 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
#5F30B6 }
```

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

```
.border{ border-color:#5F30B6 }
```

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

Here you see how a box with a 4 pixel #5F30B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F30B6; -webkit-box-shadow:4px 4px  
4px 4px #5F30B6; box-shadow:4px 4px 4px  
4px #5F30B6 }
```

Background

The CSS property to change the background color of an element to Hex 5F30B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F30B6 }
```

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

```
.background{ background-color:#5F30B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor