

Converting Colors

Hex(5F2EC0)

Have a look what the booklet for
Hex(5F2EC0) contains.

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Color

Hex(5F2EC0)

Conversions

Conversions Part 1

Format	Color
Hex	5F2EC0
RGB	95, 46, 192
RGB Percent	37%, 18%, 75%
CMY	0.6275, 0.8196, 0.2471
CMYK	0.51, 0.76, 0.00, 0.25
HSL	260°, 61%, 47%
HSV	260°, 76%, 75%
XYZ	15.2107, 8.1927, 50.6488
YIQ	77.2950, -17.6620, 55.7940

Conversions

Conversions Part 2

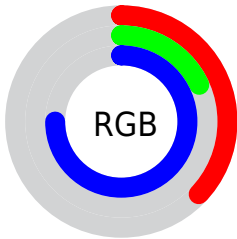
Format	Color
R_{YB}	95, 46, 192
Decimal	6237888
CIE _{Lab}	34.38, 54.30, -68.10
CIE _{LCh}	34, 87.100, 308.568
Yxy	8.1927, 0.2054, 0.1106
Android (android.graphics.Color)	4284427968 (0xFF5F2EC0)
YUV	77.2950, 56.5496, 15.5273
Hunter-Lab	28.6228, 44.7685, -84.8792

Details

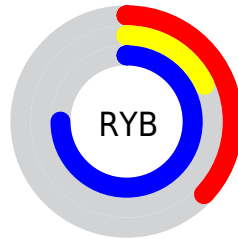
The Hex color **5F2EC0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **8FC02E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **9A61FA**, and **1A0089** is the 20% darker color. If you saturate the color by 10%, you get **521BC0**, and if you desaturate by 10%, it is **6C41C0**.

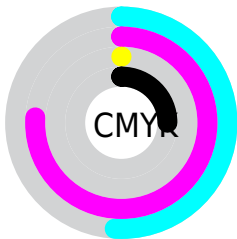
Distribution



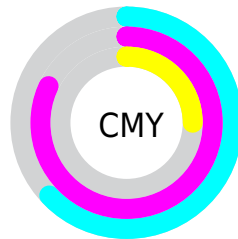
- Red (37%)
- Green (18%)
- Blue (75%)



- Red (37%)
- Yellow (18%)
- Blue (75%)



- Cyan (51%)
- Magenta (76%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (82%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2EC0 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 5F2EC0 by changing the saturation by 10% instead.

■ 5F2EC0

■ 5F2EC0

FFFFFF

■ 4012A4

■ 9A61FA

■ 1A0089

■ B77BFF

■ 00006F

■ D596FF

■ 000055

■ F3B2FF

■ 00063D

■ FFCEFF

■ 000326

■ FFE8FF

■ 00010F

■ 000000

■ 5F2EC0

■ 5F2EC0

■ 521BC0

■ 6C41C0

■ 4508C0

■ 7954C0

■ 4000C0

■ 8568C0

■ 927BC0

■ 9F8EC0

■ ACA1C0

■ B8B4C0

■ C5C8C0

■ D2DBC0

Harmonies

Analogous

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



0056DE



5F2EC0



AC0085

Triad

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



5F2EC0



8A3800



006A64

Complementary

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



5F2EC0



8FC02E

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.



006717



5F2EC0



525500

Square

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



5F2EC0



B20000



006200



006AA8

Rectangle

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



5F2EC0



BF0058



006200



00694C

Sweetspot

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



5F2EC0



D4C0FA



2E8FC0



665A7D



FCFCFC



7D7D7D

Same Dimension

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



5F2EC0



6316FA



A82EC0



5A5761



3600A1



0B0021

Inverse Universe

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



C02E8F



FA16AE



46C02E



61575E



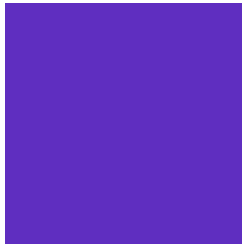
A1006B



210016

Previews

White Background



This preview shows how the Hex color 5F2EC0 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

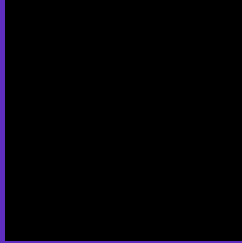
Any Text WCAG AA × Fail

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 5F2EC0 Background



This preview shows how black text looks on a background with the Hex color 5F2EC0.



This preview shows how white text looks on a background with the Hex color 5F2EC0.

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
41545B

Trichromacy



Original Color
5F2EC0



Protanomaly
2342AF



Deuteranomaly
2346A0



Tritanomaly
4C4680

Monochromacy



Original Color
5F2EC0



Achromatopsia
4D4D4D



Achromatomaly
544277

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2EC0 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 #5F2EC0 looks like.

```
.text, #text, p{  
    color:#5F2EC0  
}
```

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 #5F2EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2EC0
}
```

Border

The CSS property to change the border of an element to Hex 5F2EC0 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
#5F2EC0 }
```

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

```
.border{ border-color:#5F2EC0 }
```

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

Here you see how a box with a 4 pixel #5F2EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2EC0; -webkit-box-shadow:4px 4px  
4px 4px #5F2EC0; box-shadow:4px 4px 4px  
4px #5F2EC0 }
```

Background

The CSS property to change the background color of an element to Hex 5F2EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2EC0 }
```

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

```
.background{ background-color:#5F2EC0 }
```

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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