

Converting Colors

Hex(5F3EC5)

Have a look what the booklet for
Hex(5F3EC5) contains.

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Color

Hex(5F3EC5)

Conversions

Conversions Part 1

Format	Color
Hex	5F3EC5
RGB	95, 62, 197
RGB Percent	37%, 24%, 77%
CMY	0.6275, 0.7569, 0.2275
CMYK	0.52, 0.69, 0.00, 0.23
HSL	255°, 54%, 51%
HSV	255°, 69%, 77%
XYZ	16.5200, 9.9094, 53.8653
YIQ	87.2570, -23.6670, 48.9810

Conversions

Conversions Part 2

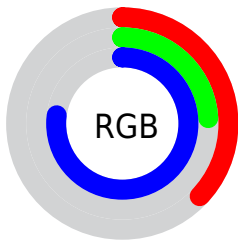
Format	Color
RYB	95, 62, 197
Decimal	6241989
CIELab	37.68, 47.66, -65.63
CIElCh	38, 81.108, 305.988
Yxy	9.9094, 0.2057, 0.1234
Android (android.graphics.Color)	4284432069 (0xFF5F3EC5)
YUV	87.2570, 54.1033, 6.7906
Hunter-Lab	31.4791, 38.5868, -79.4183

Details

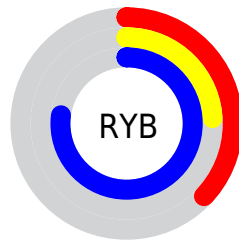
The Hex color **5F3EC5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **A4C53E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9A70FF**, and **1A0C8E** is the 20% darker color. If you saturate the color by 10%, you get **502AC5**, and if you desaturate by 10%, it is **6E52C5**.

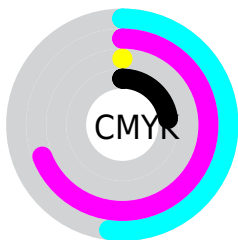
Distribution



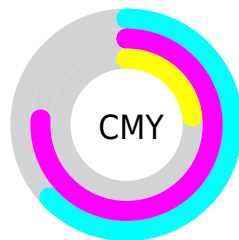
- Red (37%)
- Green (24%)
- Blue (77%)



- Red (37%)
- Yellow (24%)
- Blue (77%)



- Cyan (52%)
- Magenta (69%)
- Yellow (0%)
- Black (23%)



- Cyan (63%)
- Magenta (76%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F3EC5 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 5F3EC5 by changing the saturation by 10% instead.

■ 5F3EC5

■ 5F3EC5

FFFFFF

■ 4026A9

■ 9A70FF

■ 1A0C8E

■ B78AFF

■ 000074

■ D5A5FF

■ 00005A

■ F3C1FF

■ 000741

■ FFDDFF

■ 00032A

■ FFFAFF

■ 000115

■ 000000

■ 5F3EC5

■ 5F3EC5

■ 502AC5

■ 6E52C5

■ 4117C5

■ 7D65C5

■ 3203C5

■ 8C79C5

■ 3000C5

■ 9B8DC5

■ A9A1C5

■ B8B4C5

■ C7C8C5

■ D6DCC5

■ E5EFC5

Harmonies

Analogous

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



005FDE



5F3EC5



AD008F

Triad

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



5F3EC5



963F00



007165

Complementary

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



5F3EC5



A4C53E

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.



006F1C



5F3EC5



615B00

Square

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



5F3EC5



B9000D



026900



0072A5

Rectangle

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



5F3EC5



C10065



026900



00714E

Sweetspot

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



5F3EC5



D7C9FF



3EA6C5



676080



000000



808080

Same Dimension

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



5F3EC5



612EFF



A13EC5



5C5A63



2800A3



090024

Inverse Universe

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



C53EA4



FF2ECC



62C53E



635A61



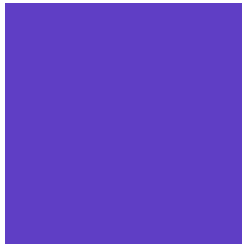
A3007B



24001B

Previews

White Background



This preview shows how the Hex color 5F3EC5 looks on a white background.

Color Contrast Check

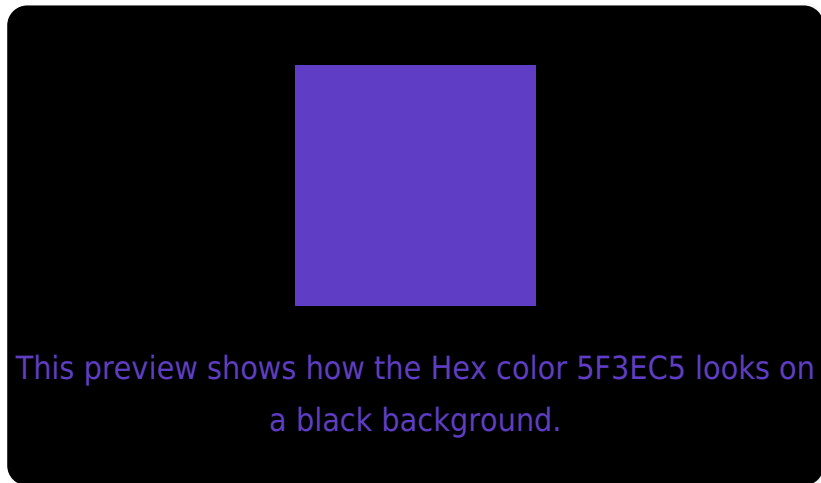
Large Text (above 18pt) WCAG AA ✓ Pass

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

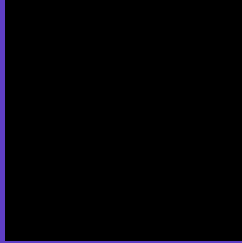
Any Text WCAG AA × Fail

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 5F3EC5 Background



This preview shows how black text looks on a background with the Hex color 5F3EC5.

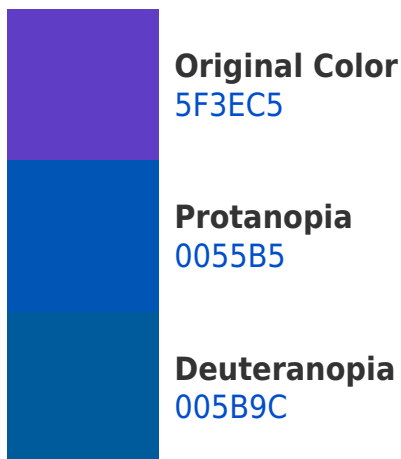



This preview shows how white text looks on a background with the Hex color 5F3EC5.

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](#).

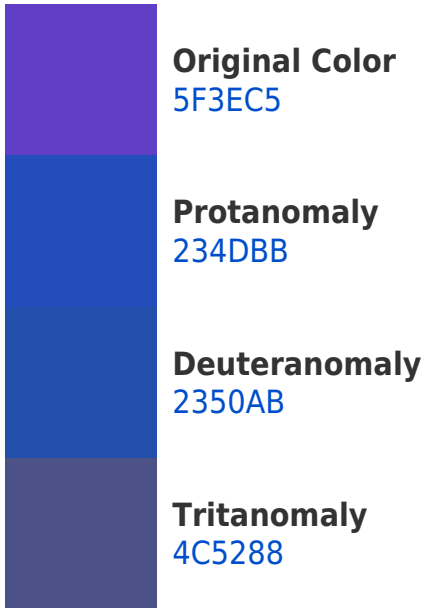
Dichromacy





Tritanopia
415D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F3EC5 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 #5F3EC5 looks like.

```
.text, #text, p{  
    color:#5F3EC5  
}
```

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 #5F3EC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F3EC5
}
```

Border

The CSS property to change the border of an element to Hex 5F3EC5 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
#5F3EC5 }
```

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

```
.border{ border-color:#5F3EC5 }
```

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

Here you see how a box with a 4 pixel #5F3EC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F3EC5; -webkit-box-shadow:4px 4px  
4px 4px #5F3EC5; box-shadow:4px 4px 4px  
4px #5F3EC5 }
```

Background

The CSS property to change the background color of an element to Hex 5F3EC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F3EC5 }
```

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

```
.background{ background-color:#5F3EC5 }
```

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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