

Converting Colors

Hex(5F59DE)

Have a look what the booklet for
Hex(5F59DE) contains.

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Color

Hex(5F59DE)

Conversions

Conversions Part 1

Format	Color
Hex	5F59DE
RGB	95, 89, 222
RGB Percent	37%, 35%, 87%
CMY	0.6275, 0.6510, 0.1294
CMYK	0.57, 0.60, 0.00, 0.13
HSL	243°, 67%, 61%
HSV	243°, 60%, 87%
XYZ	21.4765, 14.8516, 70.8419
YIQ	105.9560, -39.1170, 42.6350

Conversions

Conversions Part 2

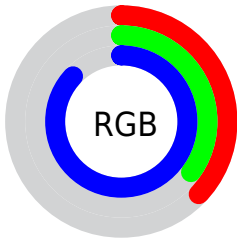
Format	Color
R_{YB}	95, 89, 222
Decimal	6248926
CIE _{Lab}	45.43, 39.76, -67.39
CIE _{LCh}	45, 78.242, 300.538
Yxy	14.8516, 0.2004, 0.1386
Android (android.graphics.Color)	4284439006 (0xFF5F59DE)
YUV	105.9560, 57.2097, -9.6084
Hunter-Lab	38.5377, 32.0343, -82.0133

Details

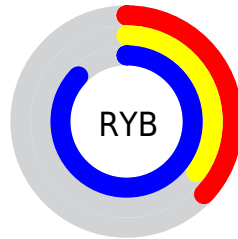
The Hex color **5F59DE** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **D8DE59**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9B8BFF**, and **0F2BA6** is the 20% darker color. If you saturate the color by 10%, you get **4A43DE**, and if you desaturate by 10%, it is **746FDE**.

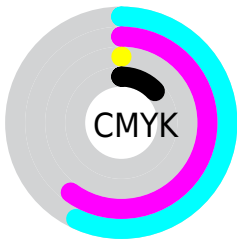
Distribution



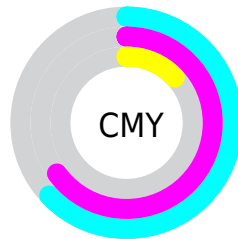
- Red (37%)
- Green (35%)
- Blue (87%)



- Red (37%)
- Yellow (35%)
- Blue (87%)



- Cyan (57%)
- Magenta (60%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (65%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F59DE 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 5F59DE by changing the saturation by 10% instead.

■ 5F59DE

■ 5F59DE

FFFFFF

■ 3E41C2

■ 9B8BFF

■ 0F2BA6

■ B9A6FF

■ 00168B

■ D7C1FF

■ 000270

■ F5DDFF

■ 000057

■ FFFAFF

■ 00063F

■ 000328

■ 000111

■ 000000

■ 5F59DE

■ 5F59DE

■ 4A43DE

■ 746FDE

■ 352DDE

■ 8985DE

■ 1F16DE

■ 9F9CDE

■ 0A00DE

■ B4B2DE

■ C9C8DE

■ DEDEDE

■ F3F4DE

■ FFFFDE

Harmonies

Analogous

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



0074F1



5F59DE



B82BAD

Triad

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



5F59DE



B44D00



00866B

Complementary

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



5F59DE



D8DE59

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.



008223



5F59DE



836A00

Square

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



5F59DE



D41A2E



3E7A00



0086AD

Rectangle

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



5F59DE



D20083



3E7A00



008554

Sweetspot

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



5F59DE



D3D1FF



59DADE



656380



000000



808080

Same Dimension

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



5F59DE



5047FF



A059DE



656570



0800B0



020030

Inverse Universe

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



DE59D8



FF47F7



97DE59



706570



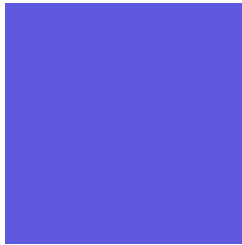
B000A8



30002E

Previews

White Background



This preview shows how the Hex color 5F59DE 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

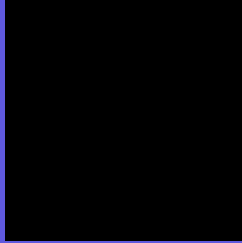
Any Text WCAG AA × Fail

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 5F59DE Background



This preview shows how black text looks on a background with the Hex color 5F59DE.

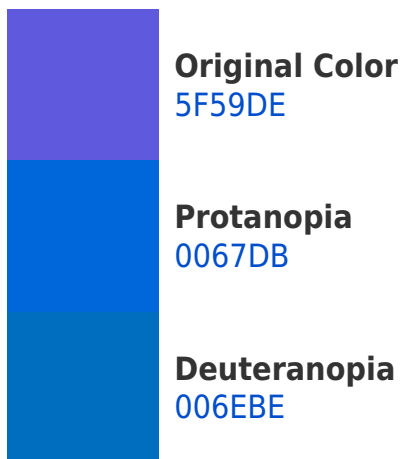


This preview shows how white text looks on a background with the Hex color 5F59DE.

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
39747D

Trichromacy



Original Color
5F59DE



Protanomaly
2362DC



Deuteranomaly
2366CA



Tritanomaly
476AA0

Monochromacy



Original Color
5F59DE



Achromatopsia
6A6A6A



Achromatomaly
666494

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F59DE 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 #5F59DE looks like.

```
.text, #text, p{  
    color:#5F59DE  
}
```

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 #5F59DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F59DE
}
```

Border

The CSS property to change the border of an element to Hex 5F59DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

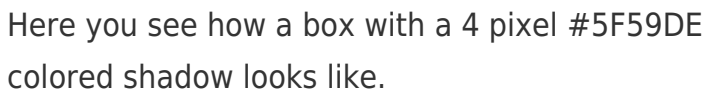
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F59DE }
```

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

```
.border{ border-color:#5F59DE }
```

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



Here you see how a box with a 4 pixel #5F59DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F59DE; -webkit-box-shadow:4px 4px  
4px 4px #5F59DE; box-shadow:4px 4px 4px  
4px #5F59DE }
```

Background

The CSS property to change the background color of an element to Hex 5F59DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F59DE }
```

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

```
.background{ background-color:#5F59DE }
```

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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