

Converting Colors

Hex(5E3D8F)

Have a look what the booklet for
Hex(5E3D8F) contains.

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Color

Hex(5E3D8F)

Conversions

Conversions Part 1

Format	Color
Hex	5E3D8F
RGB	94, 61, 143
RGB Percent	37%, 24%, 56%
CMY	0.6314, 0.7608, 0.4392
CMYK	0.34, 0.57, 0.00, 0.44
HSL	264°, 40%, 40%
HSV	264°, 57%, 56%
XYZ	11.2428, 7.7003, 26.8804
YIQ	80.2150, -6.6540, 32.4980

Conversions

Conversions Part 2

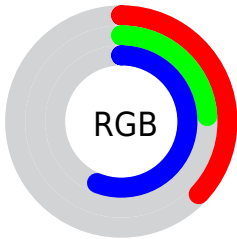
Format	Color
RYB	94, 61, 143
Decimal	6176143
CIELab	33.35, 32.72, -40.38
CIElCh	33, 51.972, 309.022
Yxy	7.7003, 0.2453, 0.1680
Android (android.graphics.Color)	4284366223 (0xFF5E3D8F)
YUV	80.2150, 30.9530, 12.0894
Hunter-Lab	27.7495, 23.7580, -38.0084

Details

The Hex color **5E3D8F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6E8F3D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **936EC5**, and **2A0F5C** is the 20% darker color. If you saturate the color by 10%, you get **552F8F**, and if you desaturate by 10%, it is **674B8F**.

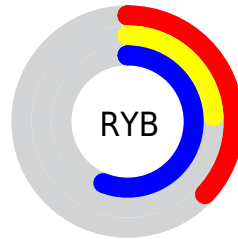
Distribution



Red (37%)

Green (24%)

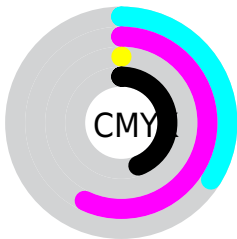
Blue (56%)



Red (37%)

Yellow (24%)

Blue (56%)

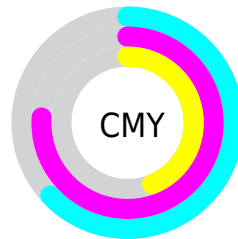


Cyan (34%)

Magenta (57%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3D8F 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 5E3D8F by changing the saturation by 10% instead.

■ 5E3D8F

■ 5E3D8F

FFFFFF

■ 442675

■ 936EC5

■ 2A0F5C

■ AF87E2

■ 110044

■ CBA2FE

■ 00002D

■ E8BDFF

■ 000117

■ FFD9FF

■ 000000

■ FFF6FF

■ 5E3D8F

■ 5E3D8F

■ 552F8F

■ 674B8F

■ 4D208F

■ 6F5A8F

■ 44128F

■ 78688F

■ 3C048F

■ 80768F

■ 3A008F

■ 89858F

■ 91938F

■ 9AA18F

■ A2AF8F

■ ABBE8F

Harmonies

Analogous

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



0050A1



5E3D8F



88266D

Triad

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



5E3D8F



774100



00605A

Complementary

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



5E3D8F



6E8F3D

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.



005F2F



5E3D8F



555100

Square

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



5E3D8F



8E2D1C



265A00



006082

Rectangle

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



5E3D8F



941C52



265A00



00604C

Sweetspot

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



5E3D8F



A79BBA



3D6E8F



534B5E



DEDEDE



5E5E5E

Same Dimension

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



5E3D8F



6D3ABA



873D8F



434047



360087



030008

Inverse Universe

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



8F3D6E



BA3A86



458F3D



474045



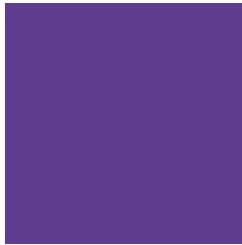
870051



080005

Previews

White Background



This preview shows how the Hex color 5E3D8F 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

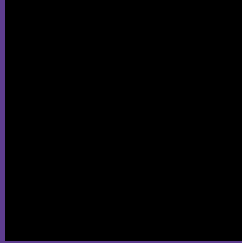
Any Text WCAG AA × Fail

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 5E3D8F Background



This preview shows how black text looks on a background with the Hex color 5E3D8F.



This preview shows how white text looks on a background with the Hex color 5E3D8F.

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
524D53

Trichromacy



Original Color
5E3D8F



Protanomaly
2F4799



Deuteranomaly
32498C



Tritanomaly
564769

Monochromacy



Original Color
5E3D8F



Achromatopsia
505050



Achromatomaly
554967

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3D8F 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 #5E3D8F looks like.

```
.text, #text, p{  
    color:#5E3D8F  
}
```

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 #5E3D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3D8F
}
```

Border

The CSS property to change the border of an element to Hex 5E3D8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

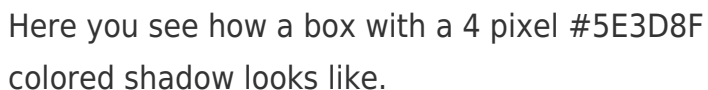
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3D8F }
```

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

```
.border{ border-color:#5E3D8F }
```

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



Here you see how a box with a 4 pixel #5E3D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3D8F; -webkit-box-shadow:4px 4px  
4px 4px #5E3D8F; box-shadow:4px 4px 4px  
4px #5E3D8F }
```

Background

The CSS property to change the background color of an element to Hex 5E3D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3D8F }
```

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

```
.background{ background-color:#5E3D8F }
```

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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