

Converting Colors

Hex(5E3998)

Have a look what the booklet for
Hex(5E3998) contains.

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Color

Hex(5E3998)

Conversions

Conversions Part 1

Format	Color
Hex	5E3998
RGB	94, 57, 152
RGB Percent	37%, 22%, 60%
CMY	0.6314, 0.7765, 0.4039
CMYK	0.38, 0.62, 0.00, 0.40
HSL	263°, 45%, 41%
HSV	263°, 62%, 60%
XYZ	11.7467, 7.5729, 30.5484
YIQ	78.8930, -8.4430, 37.3890

Conversions

Conversions Part 2

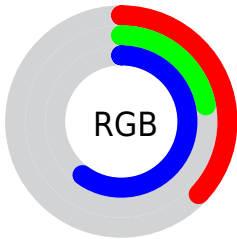
Format	Color
R_{YB}	94, 57, 152
Decimal	6175128
CIE _{Lab}	33.08, 37.52, -46.31
CIE _{LCh}	33, 59.602, 309.009
Yxy	7.5729, 0.2356, 0.1519
Android (android.graphics.Color)	4284365208 (0xFF5E3998)
YUV	78.8930, 36.0418, 13.2488
Hunter-Lab	27.5190, 28.0361, -46.5536

Details

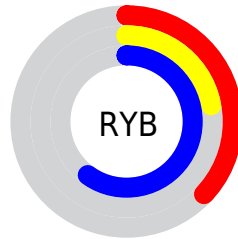
The Hex color **5E3998** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **739839**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **946ACF**, and **280964** is the 20% darker color. If you saturate the color by 10%, you get **552A98**, and if you desaturate by 10%, it is **674898**.

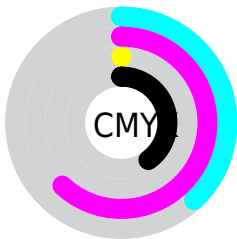
Distribution



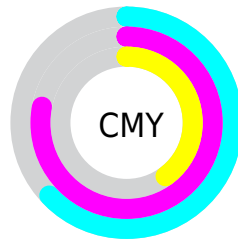
- Red (37%)
- Green (22%)
- Blue (60%)



- Red (37%)
- Yellow (22%)
- Blue (60%)



- Cyan (38%)
- Magenta (62%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (78%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3998 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 5E3998 by changing the saturation by 10% instead.

■ 5E3998

■ 5E3998

FFFFFF

■ 43227E

■ 946ACF

■ 280964

■ B084EC

■ 0B004C

■ CC9EFF

■ 000034

■ E9B9FF

■ 00021E

■ FFD5FF

■ 000000

■ FFF2FF

■ 5E3998

■ 5E3998

■ 552A98

■ 674898

■ 4B1B98

■ 715798

■ 420B98

■ 7A6798

■ 3B0098

■ 837698

■ 8C8598

■ 969498

■ 9FA398

■ A8B398

■ B2C298

Harmonies

Analogous

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



0050AC



5E3998



8F1671

Triad

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



5E3998



7A3F00



00615B

Complementary

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



5E3998



739839

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.



005F29



5E3998



535000

Square

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



5E3998



952214



195B00



006189

Rectangle

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



5E3998



9C0052



195B00



00614B

Sweetspot

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



5E3998



AE9FC4



397498



554D63



E3E3E3



636363

Same Dimension

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



5E3998



6A31C4



8D3998



48454D



37008C



05000D

Inverse Universe

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



983973



C4318B



449839



4D454A



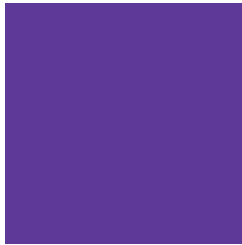
8C0056



0D0008

Previews

White Background



This preview shows how the Hex color 5E3998 looks on a white background.

Color Contrast Check

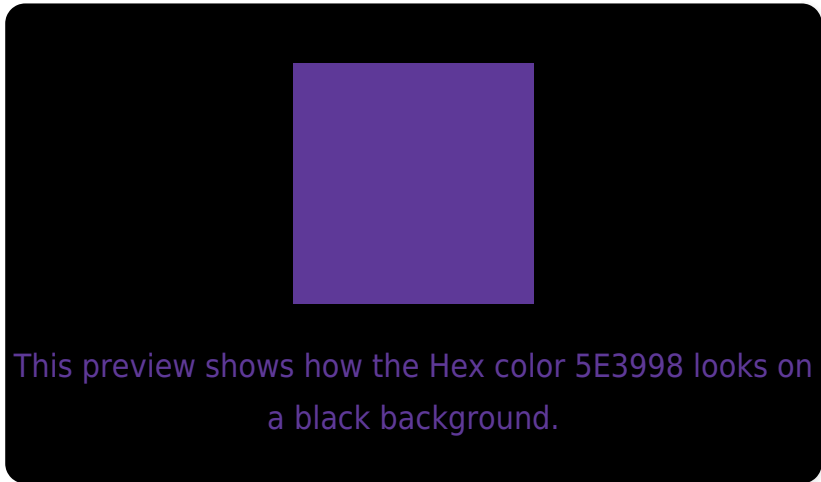
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E3998 Background



This preview shows how black text looks on a background with the Hex color 5E3998.



This preview shows how white text looks on a background with the Hex color 5E3998.

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



Original Color
5E3998

Protanopia
004BA0

Deuteranopia
00508C



Tritanopia
4F4D53

Trichromacy



Original Color
5E3998

Protanomaly
22449D

Deuteranomaly
224890

Tritanomaly
54466C

Monochromacy



Original Color
5E3998

Achromatopsia
4F4F4F

Achromatomaly
54476A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3998 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 #5E3998 looks like.

```
.text, #text, p{  
    color:#5E3998  
}
```

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 #5E3998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3998
}
```

Border

The CSS property to change the border of an element to Hex 5E3998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

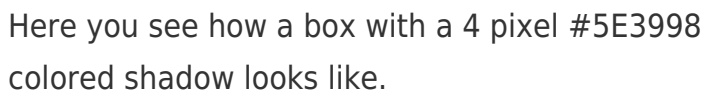
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E3998 }
```

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

```
.border{ border-color:#5E3998 }
```

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



Here you see how a box with a 4 pixel #5E3998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3998; -webkit-box-shadow:4px 4px  
4px 4px #5E3998; box-shadow:4px 4px 4px  
4px #5E3998 }
```

Background

The CSS property to change the background color of an element to Hex 5E3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3998 }
```

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

```
.background{ background-color:#5E3998 }
```

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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