

Converting Colors

Hex(5E3782)

Have a look what the booklet for
Hex(5E3782) contains.

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Color

Hex(5E3782)

Conversions

Conversions Part 1

Format	Color
Hex	5E3782
RGB	94, 55, 130
RGB Percent	37%, 22%, 51%
CMY	0.6314, 0.7843, 0.4902
CMYK	0.28, 0.58, 0.00, 0.49
HSL	271°, 41%, 36%
HSV	271°, 58%, 51%
XYZ	10.0115, 6.7238, 21.8892
YIQ	75.2110, -0.8310, 31.5930

Conversions

Conversions Part 2

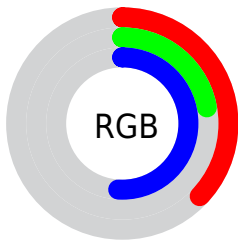
Format	Color
R_{YB}	94, 55, 130
Decimal	6174594
CIE _{Lab}	31.17, 32.82, -35.84
CIE _{LCh}	31, 48.591, 312.482
Yxy	6.7238, 0.2592, 0.1741
Android (android.graphics.Color)	4284364674 (0xFF5E3782)
YUV	75.2110, 27.0110, 16.4780
Hunter-Lab	25.9302, 23.5402, -31.8991

Details

The Hex color **5E3782** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5B8237**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9368B7**, and **2C0850** is the 20% darker color. If you saturate the color by 10%, you get **582A82**, and if you desaturate by 10%, it is **644482**.

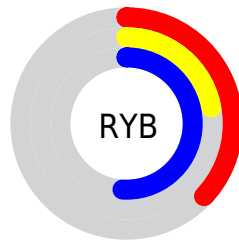
Distribution



Red (37%)

Green (22%)

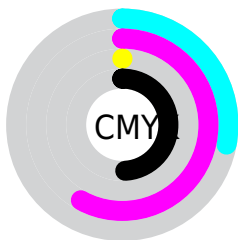
Blue (51%)



Red (37%)

Yellow (22%)

Blue (51%)

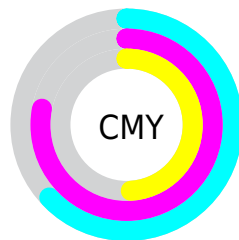


Cyan (28%)

Magenta (58%)

Yellow (0%)

Black (49%)



Cyan (63%)

Magenta (78%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E3782 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 5E3782 by changing the saturation by 10% instead.

■ 5E3782

■ 5E3782

FFFFFF

■ 452069

■ 9368B7

■ 2C0850

■ AE81D3

■ 180039

■ CA9BF0

■ 000222

■ E7B7FF

■ 000008

■ FFD2FF

■ 000000

■ FFEFFF

■ 5E3782

■ 5E3782

■ 582A82

■ 644482

■ 521D82

■ 6A5182

■ 4B1082

■ 715E82

■ 450382

■ 776B82

■ 440082

■ 7D7882

■ 838582

■ 8A9282

■ 909F82

■ 96AC82

Harmonies

Analogous

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



004994



5E3782



812361

Triad

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



5E3782



6C3F00



005A59

Complementary

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



5E3782



5B8237

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.



005931



5E3782



4B4D00

Square

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



5E3782



832D17



1D5506



00597C

Rectangle

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



5E3782



8B1B48



1D5506



005A4C

Sweetspot

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



5E3782



9B8CA8



375B82



4C4354



D4D4D4



545454

Same Dimension

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



5E3782



7134A8



823781



3D3940



420080



000000

Inverse Universe

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



82375B



A8346C



378238



40393C



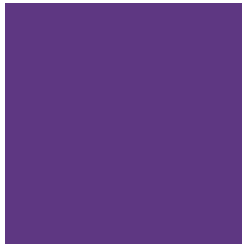
80003D



000000

Previews

White Background



This preview shows how the Hex color 5E3782 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

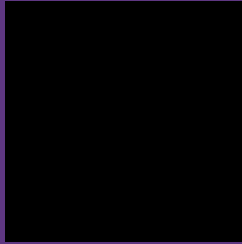
Any Text WCAG AA × Fail

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 5E3782 Background



This preview shows how black text looks on a background with the Hex color 5E3782.



This preview shows how white text looks on a background with the Hex color 5E3782.

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
5E3782

Protanopia
184793

Deuteranopia
234B7E



Tritanopia
54464B

Trichromacy



Original Color
5E3782

Protanomaly
31418D

Deuteranomaly
38447F

Tritanomaly
58415F

Monochromacy



Original Color
5E3782

Achromatopsia
4B4B4B

Achromatomaly
52445F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E3782 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 #5E3782 looks like.

```
.text, #text, p{  
    color:#5E3782  
}
```

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 #5E3782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E3782
}
```

Border

The CSS property to change the border of an element to Hex 5E3782 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
#5E3782 }
```

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

```
.border{ border-color:#5E3782 }
```

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

Here you see how a box with a 4 pixel #5E3782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E3782; -webkit-box-shadow:4px 4px  
4px 4px #5E3782; box-shadow:4px 4px 4px  
4px #5E3782 }
```

Background

The CSS property to change the background color of an element to Hex 5E3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E3782 }
```

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

```
.background{ background-color:#5E3782 }
```

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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