

Converting Colors

Hex(57416E)

Have a look what the booklet for
Hex(57416E) contains.

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Color

Hex(57416E)

Conversions

Conversions Part 1

Format	Color
Hex	57416E
RGB	87, 65, 110
RGB Percent	34%, 25%, 43%
CMY	0.6588, 0.7451, 0.5686
CMYK	0.21, 0.41, 0.00, 0.57
HSL	269°, 26%, 34%
HSV	269°, 41%, 43%
XYZ	8.6352, 6.9326, 15.6349
YIQ	76.7080, -1.3330, 18.6590

Conversions

Conversions Part 2

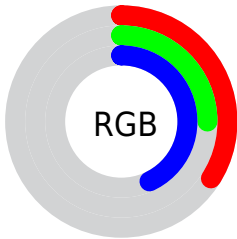
Format	Color
R_{YB}	87, 65, 110
Decimal	5718382
CIE _{Lab}	31.65, 19.37, -22.57
CIE _{LCh}	32, 29.746, 310.643
Yxy	6.9326, 0.2767, 0.2222
Android (android.graphics.Color)	4283908462 (0xFF57416E)
YUV	76.7080, 16.4130, 9.0261
Hunter-Lab	26.3299, 12.4643, -16.7759

Details

The Hex color **57416E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **586E41**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8A71A2**, and **28163E** is the 20% darker color. If you saturate the color by 10%, you get **51366E**, and if you desaturate by 10%, it is **5D4C6E**.

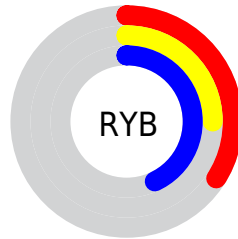
Distribution



 Red (34%)

 Green (25%)

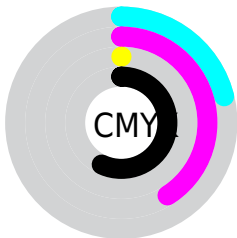
 Blue (43%)




 Red (34%)

 Yellow (25%)

 Blue (43%)

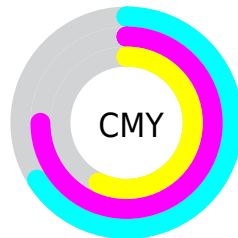


 Cyan (21%)

 Magenta (41%)

 Yellow (0%)

 Black (57%)



 Cyan (66%)

 Magenta (75%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57416E 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 57416E by changing the saturation by 10% instead.

■ 57416E

■ 57416E

FFFFFF

■ 3F2B55

■ 8A71A2

■ 28163E

■ A48BBD

■ 160028

■ C0A5D9

■ 000112

■ DCC0F5

■ 000000

■ F8DCFF

■ FFF9FF

■ 57416E

■ 57416E

■ 51366E

■ 5D4C6E

■ 4C2B6E

■ 62576E

■ 46206E

■ 68626E

■ 41156E

■ 6D6D6E

■ 3B0A6E

■ 73786E

■ 36006E

■ 79836E

■ 7E8E6E

■ 84996E

■ 8AA46E

Harmonies

Analogous

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



314A78



57416E



6D395A

Triad

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



57416E



64441E



005652

Complementary

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



57416E



586E41

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.



10553A



57416E



504C1A

Square

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



57416E



723B2D



375226



005568

Rectangle

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



57416E



75364B



375226



00564A

Sweetspot

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



57416E



867E8F



41586E



423D47



C7C7C7



474747

Same Dimension

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



57416E



6B498F



6D416E



353238



3B0078



7900F7

Inverse Universe

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



6E4158



8F496D



426E41



383235



78003D



F7007E

Previews

White Background



This preview shows how the Hex color 57416E 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

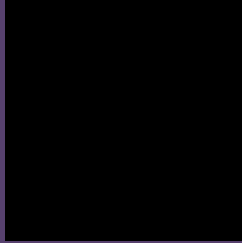
Any Text WCAG AA × Fail

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 57416E Background



This preview shows how black text looks on a background with the Hex color 57416E.



This preview shows how white text looks on a background with the Hex color 57416E.

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
57416E

Protanopia
3A4975

Deuteranopia
3D4A6C



Tritanopia
51484E

Trichromacy



Original Color
57416E

Protanomaly
454672

Deuteranomaly
46476D

Tritanomaly
53455A

Monochromacy



Original Color
57416E

Achromatopsia
4D4D4D

Achromatomaly
514959

CSS Examples

Text

The CSS property to change the color of the text to Hex 57416E 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 #57416E looks like.

```
.text, #text, p{  
    color:#57416E  
}
```

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 #57416E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57416E
}
```

Border

The CSS property to change the border of an element to Hex 57416E is called "border". The border property can be set on classes, ids or directly on the HTML element.

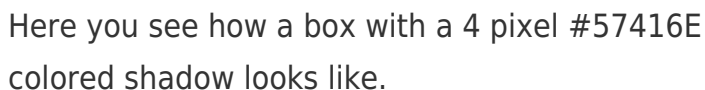
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57416E }
```

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

```
.border{ border-color:#57416E }
```

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



Here you see how a box with a 4 pixel #57416E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57416E; -webkit-box-shadow:4px 4px  
4px 4px #57416E; box-shadow:4px 4px 4px  
4px #57416E }
```

Background

The CSS property to change the background color of an element to Hex 57416E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57416E }
```

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

```
.background{ background-color:#57416E }
```

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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