

Converting Colors

Hex(56407F)

Have a look what the booklet for
Hex(56407F) contains.

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Color

Hex(56407F)

Conversions

Conversions Part 1

Format	Color
Hex	56407F
RGB	86, 64, 127
RGB Percent	34%, 25%, 50%
CMY	0.6627, 0.7490, 0.5020
CMYK	0.32, 0.50, 0.00, 0.50
HSL	261°, 33%, 37%
HSV	261°, 50%, 50%
XYZ	9.5019, 7.1775, 20.9633
YIQ	77.7600, -7.1110, 24.2570

Conversions

Conversions Part 2

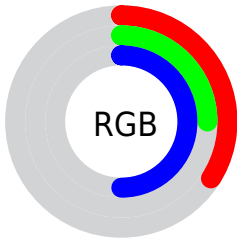
Format	Color
R_{YB}	86, 64, 127
Decimal	5652607
CIE _{Lab}	32.21, 24.26, -32.37
CIE _{LCh}	32, 40.454, 306.856
Yxy	7.1775, 0.2524, 0.1907
Android (android.graphics.Color)	4283842687 (0xFF56407F)
YUV	77.7600, 24.2753, 7.2265
Hunter-Lab	26.7909, 16.4244, -27.6394

Details

The Hex color **56407F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **697F40**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8A70B4**, and **25144D** is the 20% darker color. If you saturate the color by 10%, you get **4E337F**, and if you desaturate by 10%, it is **5E4D7F**.

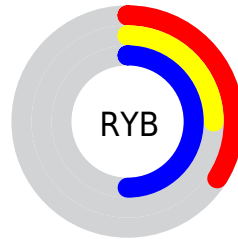
Distribution



Red (34%)

Green (25%)

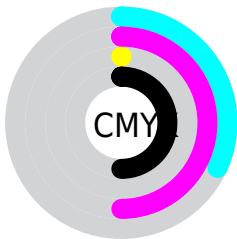
Blue (50%)



Red (34%)

Yellow (25%)

Blue (50%)

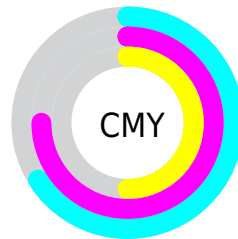


Cyan (32%)

Magenta (50%)

Yellow (0%)

Black (50%)



Cyan (66%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56407F 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 56407F by changing the saturation by 10% instead.

■ 56407F

■ 56407F

FFFFFF

■ 3D2A66

■ 8A70B4

■ 25144D

■ A58AD0

■ 100036

■ C0A4EC

■ 000220

■ DDC0FF

■ 000004

■ F9DBFF

■ 000000

■ FFF8FF

■ 56407F

■ 56407F

■ 4E337F

■ 5E4D7F

■ 45277F

■ 67597F

■ 3D1A7F

■ 6F667F

■ 350D7F

■ 77737F

■ 2D007F

■ 7F807F

■ 2C007F

■ 888C7F

■ 90997F

■ 98A67F

■ A0B27F

Harmonies

Analogous

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



004D8B



56407F



773265

Triad

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



56407F



6F410D



005B52

Complementary

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



56407F



697F40

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



56407F



554D01

Square

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



56407F



803427



335514



005A71

Rectangle

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



56407F



822C50



335514



005A47

Sweetspot

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



56407F



968DA6



406A7F



4A4554



D4D4D4



545454

Same Dimension

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



56407F



6542A6



75407F



3C3940



2D0080



000000

Inverse Universe

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



7F4069



A64283



4A7F40



40393E



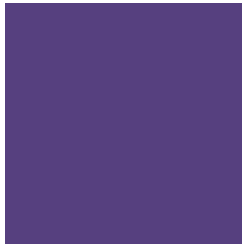
800053



000000

Previews

White Background



This preview shows how the Hex color 56407F 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

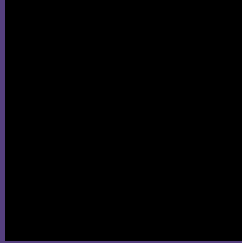
Any Text WCAG AA × Fail

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 56407F Background



This preview shows how black text looks on a background with the Hex color 56407F.



This preview shows how white text looks on a background with the Hex color 56407F.

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
56407F

Protanopia
2E4A89

Deuteranopia
2E4C7C



Tritanopia
4D4B51

Trichromacy



Original Color
56407F

Protanomaly
3D4685

Deuteranomaly
3D487D

Tritanomaly
504762

Monochromacy



Original Color
56407F

Achromatopsia
4E4E4E

Achromatomaly
514960

CSS Examples

Text

The CSS property to change the color of the text to Hex 56407F 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 #56407F looks like.

```
.text, #text, p{  
    color:#56407F  
}
```

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 #56407F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56407F
}
```

Border

The CSS property to change the border of an element to Hex 56407F is called "border". The border property can be set on classes, ids or directly on the HTML element.

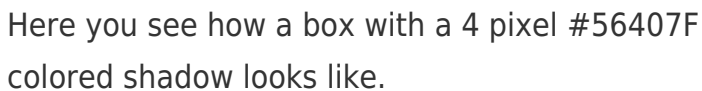
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56407F }
```

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

```
.border{ border-color:#56407F }
```

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



Here you see how a box with a 4 pixel #56407F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56407F; -webkit-box-shadow:4px 4px  
4px 4px #56407F; box-shadow:4px 4px 4px  
4px #56407F }
```

Background

The CSS property to change the background color of an element to Hex 56407F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56407F }
```

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

```
.background{ background-color:#56407F }
```

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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