

Converting Colors

Hex(56397F)

Have a look what the booklet for
Hex(56397F) contains.

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Color

Hex(56397F)

Conversions

Conversions Part 1

Format	Color
Hex	56397F
RGB	86, 57, 127
RGB Percent	34%, 22%, 50%
CMY	0.6627, 0.7765, 0.5020
CMYK	0.32, 0.55, 0.00, 0.50
HSL	265°, 38%, 36%
HSV	265°, 55%, 50%
XYZ	9.1316, 6.4370, 20.8398
YIQ	73.6510, -5.1860, 27.9180

Conversions

Conversions Part 2

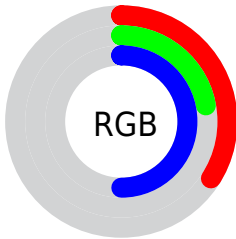
Format	Color
R_{YB}	86, 57, 127
Decimal	5650815
CIE _{Lab}	30.49, 28.62, -35.11
CIE _{LCh}	30, 45.292, 309.187
Yxy	6.4370, 0.2508, 0.1768
Android (android.graphics.Color)	4283840895 (0xFF56397F)
YUV	73.6510, 26.3011, 10.8301
Hunter-Lab	25.3712, 19.8463, -30.9407

Details

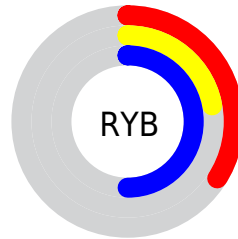
The Hex color **56397F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **627F39**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8A69B4**, and **240D4D** is the 20% darker color. If you saturate the color by 10%, you get **4F2C7F**, and if you desaturate by 10%, it is **5D467F**.

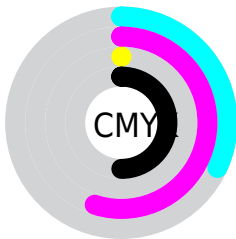
Distribution



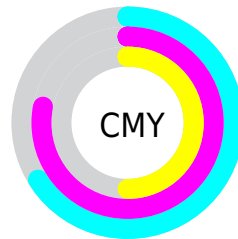
- Red (34%)
- Green (22%)
- Blue (50%)



- Red (34%)
- Yellow (22%)
- Blue (50%)



- Cyan (32%)
- Magenta (55%)
- Yellow (0%)
- Black (50%)



- Cyan (66%)
- Magenta (78%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56397F 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 56397F by changing the saturation by 10% instead.

■ 56397F

FFFFFF

■ 8A69B4

■ A583D0

■ C19DEC

■ DDB8FF

■ FAD4FF

■ FFF0FF

■ 56397F

■ 4F2C7F

■ 56397F

■ 3D2266

■ 240D4D

■ 120036

■ 000220

■ 000004

■ 000000

■ 56397F

■ 5D467F

■ 47207F

■ 65527F

■ 40137F

■ 6C5F7F

■ 38067F

■ 746C7F

■ 35007F

■ 7B797F

■ 83857F

■ 8A927F

■ 929F7F

■ 99AB7F

Harmonies

Analogous

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



00498E



56397F



792762

Triad

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



56397F



6B3D00



005852

Complementary

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



56397F



627F39

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.



00562D



56397F



4E4A00

Square

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



56397F



7F2C1D



265207



005774

Rectangle

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



56397F



84204A



265207



005746

Sweetspot

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



56397F



958AA6



39637F



4A4354



D4D4D4



545454

Same Dimension

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



56397F



6638A6



78397F



3C3940



350080



000000

Inverse Universe

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



7F3962



A63878



407F39



40393D



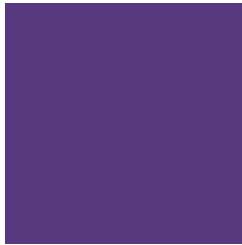
80004B



000000

Previews

White Background



This preview shows how the Hex color 56397F 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

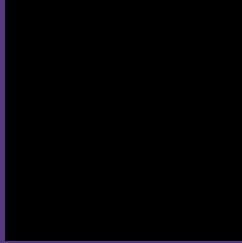
Any Text WCAG AA × Fail

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 56397F Background



This preview shows how black text looks on a background with the Hex color 56397F.




This preview shows how white text looks on a background with the Hex color 56397F.

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
4C464C

Trichromacy



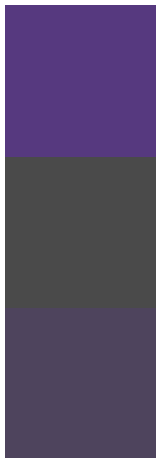
Original Color
56397F

Protanomaly
324187

Deuteranomaly
34437D

Tritanomaly
50415F

Monochromacy



Original Color
56397F

Achromatopsia
4A4A4A

Achromatomaly
4E445D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56397F 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 #56397F looks like.

```
.text, #text, p{  
    color:#56397F  
}
```

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 #56397F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56397F
}
```

Border

The CSS property to change the border of an element to Hex 56397F is called "border". The border property can be set on classes, ids or directly on the HTML element.

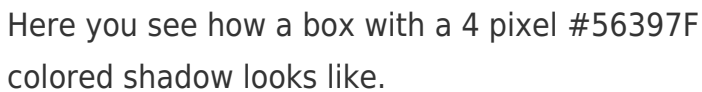
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56397F }
```

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

```
.border{ border-color:#56397F }
```

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



Here you see how a box with a 4 pixel #56397F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56397F; -webkit-box-shadow:4px 4px  
4px 4px #56397F; box-shadow:4px 4px 4px  
4px #56397F }
```

Background

The CSS property to change the background color of an element to Hex 56397F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56397F }
```

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

```
.background{ background-color:#56397F }
```

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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