

Converting Colors

Hex(56367E)

Have a look what the booklet for
Hex(56367E) contains.

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Color

Hex(56367E)

Conversions

Conversions Part 1

Format	Color
Hex	56367E
RGB	86, 54, 126
RGB Percent	34%, 21%, 49%
CMY	0.6627, 0.7882, 0.5059
CMYK	0.32, 0.57, 0.00, 0.51
HSL	267°, 40%, 35%
HSV	267°, 57%, 49%
XYZ	8.9228, 6.1231, 20.4503
YIQ	71.7760, -4.0400, 29.1760

Conversions

Conversions Part 2

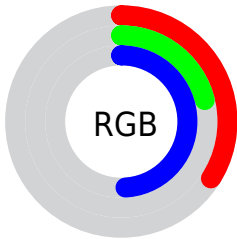
Format	Color
R_YB	86, 54, 126
Decimal	5650046
CIE _{Lab}	29.72, 30.17, -35.71
CIE _{LCh}	30, 46.746, 310.196
Yxy	6.1231, 0.2514, 0.1725
Android (android.graphics.Color)	4283840126 (0xFF56367E)
YUV	71.7760, 26.7324, 12.4744
Hunter-Lab	24.7449, 21.0619, -31.6783

Details

The Hex color **56367E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5E7E36**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8A66B3**, and **24094C** is the 20% darker color. If you saturate the color by 10%, you get **4F297E**, and if you desaturate by 10%, it is **5D437E**.

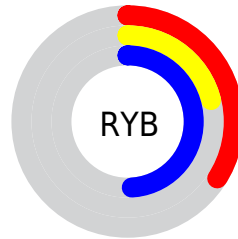
Distribution



Red (34%)

Green (21%)

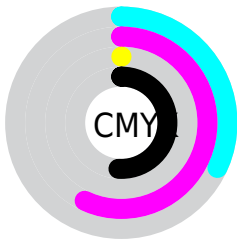
Blue (49%)



Red (34%)

Yellow (21%)

Blue (49%)

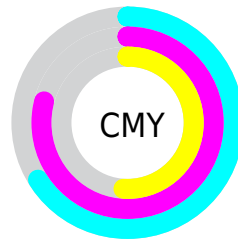


Cyan (32%)

Magenta (57%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (79%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56367E 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 56367E by changing the saturation by 10% instead.

■ 56367E

■ 56367E

FFFFFF

■ 3D1F65

■ 8A66B3

■ 24094C

■ A57FCF

■ 120035

■ C19AEB

■ 00021F

■ DDB5FF

■ 000002

■ FAD0FF

■ 000000

■ FFEDFF

■ 56367E

■ 56367E

■ 4F297E

■ 5D437E

■ 481D7E

■ 644F7E

■ 41107E

■ 6B5C7E

■ 3A047E

■ 72687E

■ 38007E

■ 79757E

■ 80827E

■ 878E7E

■ 8E9B7E

■ 95A77E

Harmonies

Analogous

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



00468E



56367E



7A235F

Triad

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



56367E



693B00



005652

Complementary

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



56367E



5E7E36

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.



00552C



56367E



4B4800

Square

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



56367E



7E2919



215003



005574

Rectangle

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



56367E



841B47



215003



005645

Sweetspot

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



56367E



9487A3



365F7E



494152



D1D1D1



525252

Same Dimension

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



56367E



6533A3



79367E



3C3940



390080



000000

Inverse Universe

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



7E365E



A33371



3B7E36



40393D



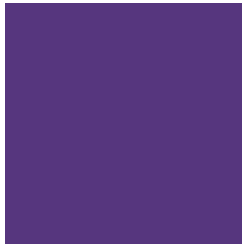
800047



000000

Previews

White Background



This preview shows how the Hex color 56367E looks on a white background.

Color Contrast Check

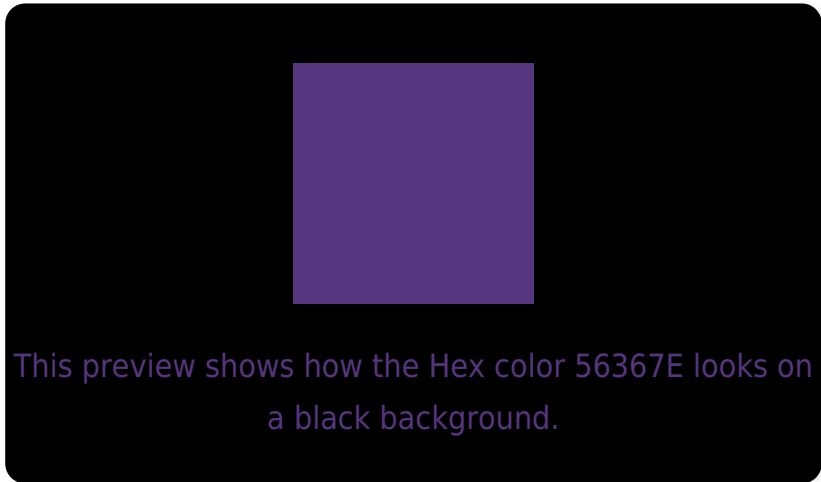
Large Text (above 18pt) WCAG AA ✓ Pass

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

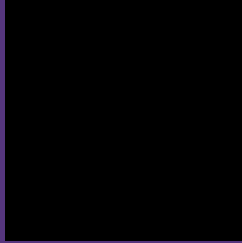
Any Text WCAG AA × Fail

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 56367E Background



This preview shows how black text looks on a background with the Hex color 56367E.



This preview shows how white text looks on a background with the Hex color 56367E.

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
56367E

Protanopia
16448C

Deuteranopia
1C477A



Tritanopia
4C4449

Trichromacy



Original Color
56367E

Protanomaly
2D3F87

Deuteranomaly
31417B

Tritanomaly
503F5C

Monochromacy



Original Color
56367E

Achromatopsia
484848

Achromatomaly
4D415C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56367E 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 #56367E looks like.

```
.text, #text, p{  
    color:#56367E  
}
```

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 #56367E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56367E
}
```

Border

The CSS property to change the border of an element to Hex 56367E is called "border". The border property can be set on classes, ids or directly on the HTML element.

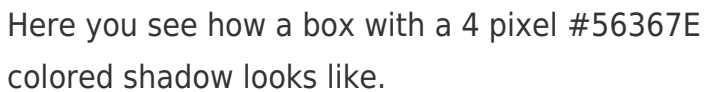
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56367E }
```

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

```
.border{ border-color:#56367E }
```

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



Here you see how a box with a 4 pixel #56367E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56367E; -webkit-box-shadow:4px 4px  
4px 4px #56367E; box-shadow:4px 4px 4px  
4px #56367E }
```

Background

The CSS property to change the background color of an element to Hex 56367E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56367E }
```

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

```
.background{ background-color:#56367E }
```

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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