

Converting Colors

Hex(57186E)

Have a look what the booklet for
Hex(57186E) contains.

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Color

Hex(57186E)

Conversions

Conversions Part 1

Format	Color
Hex	57186E
RGB	87, 24, 110
RGB Percent	34%, 9%, 43%
CMY	0.6588, 0.9059, 0.5686
CMYK	0.21, 0.78, 0.00, 0.57
HSL	284°, 64%, 26%
HSV	284°, 78%, 43%
XYZ	7.0716, 3.8053, 15.1136
YIQ	52.6410, 9.9420, 40.1020

Conversions

Conversions Part 2

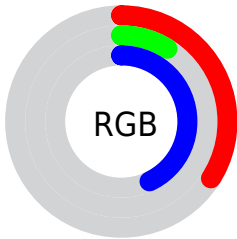
Format	Color
R_{YB}	87, 24, 110
Decimal	5707886
CIE _{Lab}	23.02, 42.12, -36.28
CIE _{LCh}	23, 55.592, 319.257
Yxy	3.8053, 0.2721, 0.1464
Android (android.graphics.Color)	4283897966 (0xFF57186E)
YUV	52.6410, 28.2780, 30.1328
Hunter-Lab	19.5072, 30.5709, -32.2813

Details

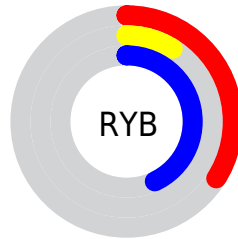
The Hex color **57186E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2F6E18**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **8C4BA2**, and **26003E** is the 20% darker color. If you saturate the color by 10%, you get **540D6E**, and if you desaturate by 10%, it is **5A236E**.

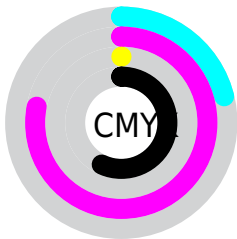
Distribution



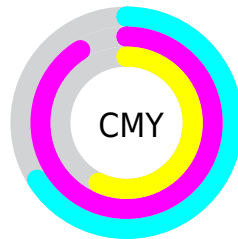
- Red (34%)
- Green (9%)
- Blue (43%)



- Red (34%)
- Yellow (9%)
- Blue (43%)



- Cyan (21%)
- Magenta (78%)
- Yellow (0%)
- Black (57%)



- Cyan (66%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57186E 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 57186E by changing the saturation by 10% instead.

57186E

57186E

FFFFFF

3E0055

8C4BA2

26003E

A764BE

000027

C37EDA

000110

E099F6

000000

FDB4FF

FFD0FF

FFEDFF

57186E

57186E

■ 540D6E

■ 5A236E

■ 51026E

■ 5D2E6E

■ 51006E

■ 60396E

■ 63446E

■ 664F6E

■ 695A6E

■ 6C656E

■ 6F706E

■ 717B6E

Harmonies

Analogous

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



003387



57186E



760048

Triad

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



57186E



513000



004751

Complementary

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



57186E



2F6E18

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.



004626



57186E



2B3D00

Square

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



57186E



6D1700



004300



004676

Rectangle

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



57186E



7C002C



004300



004743

Sweetspot

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



57186E



866E8F



18306E



423347



C7C7C7



474747

Same Dimension

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



57186E



6B098F



6E185B



373238



580078



B500F7

Inverse Universe

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



6E182F



8F092C



186E2B



383234



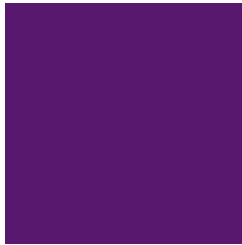
780020



F70042

Previews

White Background



This preview shows how the Hex color 57186E looks on a white background.

Color Contrast Check

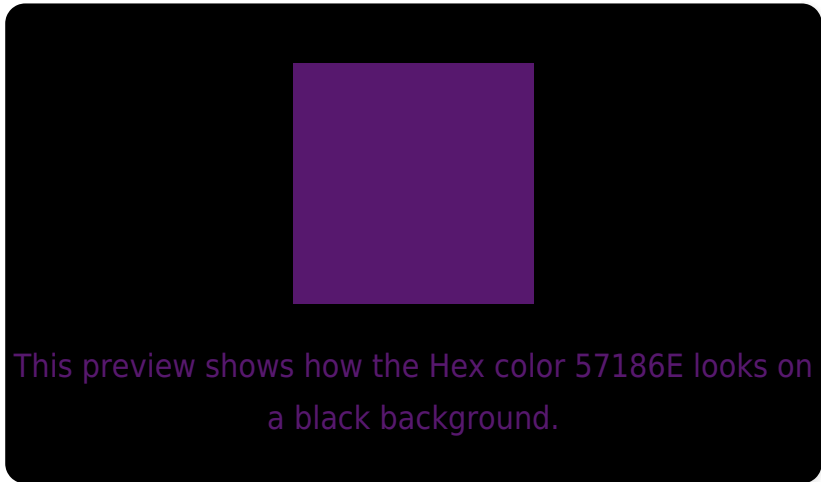
Large Text (above 18pt) WCAG AA ✓ Pass

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

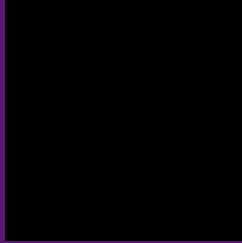
Any Text WCAG AA × Fail

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 57186E Background



This preview shows how black text looks on a background with the Hex color 57186E.



This preview shows how white text looks on a background with the Hex color 57186E.

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](#).

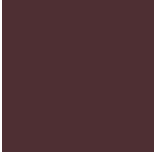
Dichromacy



Original Color
57186E

Protanopia
003673

Deuteranopia
003965



Tritanopia
4E2F33

Trichromacy



Original Color
57186E

Protanomaly
202B71

Deuteranomaly
202D68

Tritanomaly
512748

Monochromacy



Original Color
57186E

Achromatopsia
353535

Achromatomaly
412A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 57186E 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 #57186E looks like.

```
.text, #text, p{  
    color:#57186E  
}
```

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 #57186E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57186E
}
```

Border

The CSS property to change the border of an element to Hex 57186E is called "border". The border property can be set on classes, ids or directly on the HTML element.

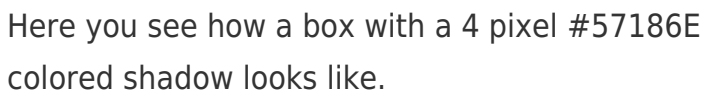
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57186E }
```

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

```
.border{ border-color:#57186E }
```

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



Here you see how a box with a 4 pixel #57186E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57186E; -webkit-box-shadow:4px 4px  
4px 4px #57186E; box-shadow:4px 4px 4px  
4px #57186E }
```

Background

The CSS property to change the background color of an element to Hex 57186E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57186E }
```

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

```
.background{ background-color:#57186E }
```

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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