

Converting Colors

Hex(586180)

Have a look what the booklet for
Hex(586180) contains.

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Color

Hex(586180)

Conversions

Conversions Part 1

Format	Color
Hex	586180
RGB	88, 97, 128
RGB Percent	35%, 38%, 50%
CMY	0.6549, 0.6196, 0.4980
CMYK	0.31, 0.24, 0.00, 0.50
HSL	226°, 19%, 42%
HSV	226°, 31%, 50%
XYZ	12.1955, 12.1826, 22.1308
YIQ	97.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

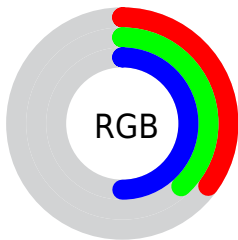
Format	Color
R_{YB}	88, 95, 128
Decimal	5792128
CIE _{Lab}	41.50, 4.32, -18.45
CIE _{LCh}	42, 18.945, 283.186
Yxy	12.1826, 0.2622, 0.2619
Android (android.graphics.Color)	4283982208 (0xFF586180)
YUV	97.8430, 14.8674, -8.6323
Hunter-Lab	34.9036, 1.2874, -13.1606

Details

The Hex color **586180** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **807758**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8B93B5**, and **29334F** is the 20% darker color. If you saturate the color by 10%, you get **4B5780**, and if you desaturate by 10%, it is **656B80**.

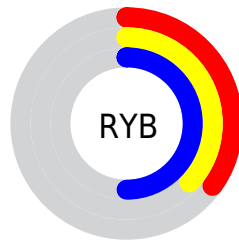
Distribution



Red (35%)

Green (38%)

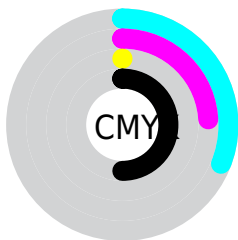
Blue (50%)



Red (35%)

Yellow (37%)

Blue (50%)

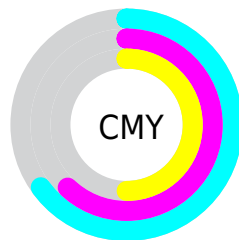


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (50%)



Cyan (65%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586180 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 586180 by changing the saturation by 10% instead.

■ 586180

■ 586180

FFFFFF

■ 404967

■ 8B93B5

■ 29334F

■ A6AED1

■ 121E38

■ C1C9ED

■ 000422

■ DDE5FF

■ 000009

■ FAFFFF

■ 000000

■ 586180

■ 586180

■ 4B5780

■ 656B80

■ 3E4D80

■ 727580

■ 324380

■ 7E7F80

■ 253980

■ 8B8980

■ 182F80

■ 989380

■ 0B2580

■ A59D80

■ 001D80

■ B2A680

■ BEB080

■ CBBA80

Harmonies

Analogous

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



42667F



586180



6D5C79

Triad

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



586180



7F594D



436A58

Complementary

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



586180



807758

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.



55674B



586180



755E44

Square

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



586180



81575B



666343



356B68

Rectangle

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



586180



775970



666343



496953

Sweetspot

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



586180



979AA6



588077



4B4D54



D4D4D4



545454

Same Dimension

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



586180



6775A6



635880



393B40



001D80



000000

Inverse Universe

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



805861



A66775



758058



40393B



80001D



000000

Previews

White Background



This preview shows how the Hex color 586180 looks on a white background.

Color Contrast Check

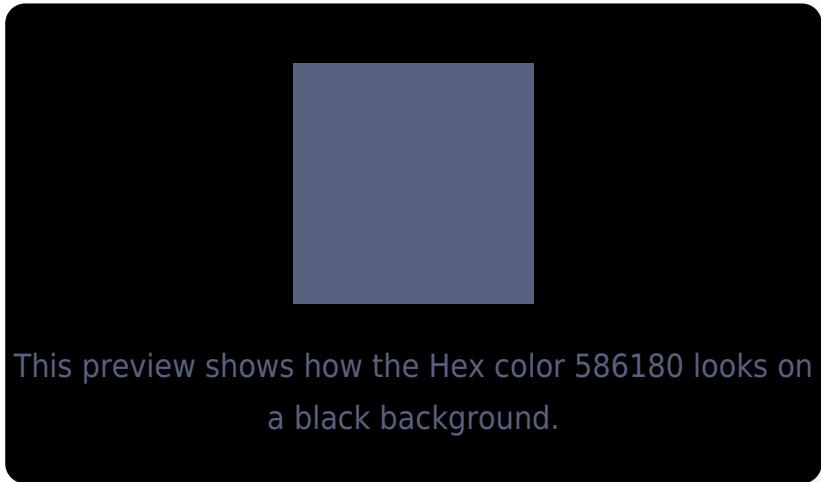
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

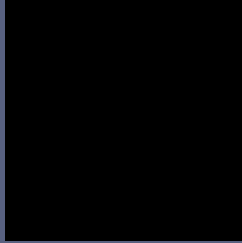
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

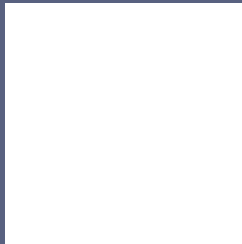
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 586180 Background



This preview shows how black text looks on a background with the Hex color 586180.

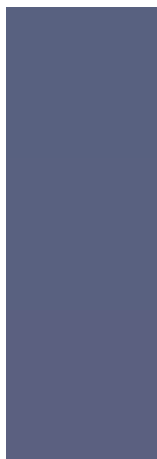


This preview shows how white text looks on a background with the Hex color 586180.

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](#).

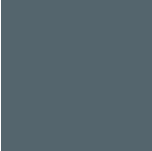
Dichromacy



Original Color
586180

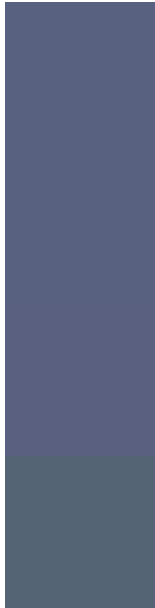
Protanopia
596180

Deuteranopia
5B6080



Tritanopia
54656D

Trichromacy



Original Color
586180

Protanomaly
596180

Deuteranomaly
5A6080

Tritanomaly
556474

Monochromacy



Original Color
586180

Achromatopsia
626262

Achromatomaly
5E626D

CSS Examples

Text

The CSS property to change the color of the text to Hex 586180 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 #586180 looks like.

```
.text, #text, p{  
    color:#586180  
}
```

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 #586180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586180
}
```

Border

The CSS property to change the border of an element to Hex 586180 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
#586180 }
```

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

```
.border{ border-color:#586180 }
```

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

Here you see how a box with a 4 pixel #586180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586180; -webkit-box-shadow:4px 4px  
4px 4px #586180; box-shadow:4px 4px 4px  
4px #586180 }
```

Background

The CSS property to change the background color of an element to Hex 586180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586180 }
```

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

```
.background{ background-color:#586180 }
```

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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