

Converting Colors

Hex(546780)

Have a look what the booklet for
Hex(546780) contains.

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Color

Hex(546780)

Conversions

Conversions Part 1

Format	Color
Hex	546780
RGB	84, 103, 128
RGB Percent	33%, 40%, 50%
CMY	0.6706, 0.5961, 0.4980
CMYK	0.34, 0.20, 0.00, 0.50
HSL	214°, 21%, 42%
HSV	214°, 34%, 50%
XYZ	12.4027, 13.1438, 22.3054
YIQ	100.1690, -19.3490, 3.7470

Conversions

Conversions Part 2

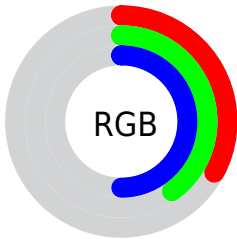
Format	Color
RYB	84, 97, 128
Decimal	5531520
CIELab	42.98, -0.61, -16.21
CIELCh	43, 16.223, 267.835
Yxy	13.1438, 0.2592, 0.2747
Android (android.graphics.Color)	4283721600 (0xFF546780)
YUV	100.1690, 13.7207, -14.1802
Hunter-Lab	36.2544, -2.3801, -11.0999

Details

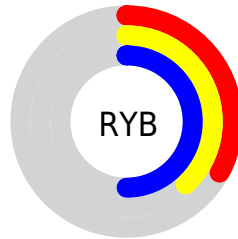
The Hex color **546780** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **806D54**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **879AB5**, and **24384F** is the 20% darker color. If you saturate the color by 10%, you get **476080**, and if you desaturate by 10%, it is **616E80**.

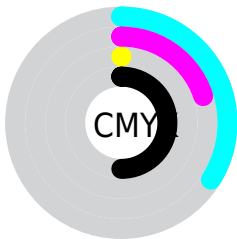
Distribution



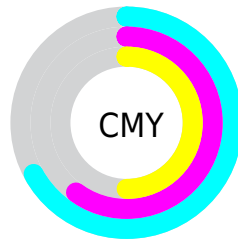
- Red (33%)
- Green (40%)
- Blue (50%)



- Red (33%)
- Yellow (38%)
- Blue (50%)



- Cyan (34%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 546780 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 546780 by changing the saturation by 10% instead.

■ 546780

■ 546780

FFFFFF

■ 3C4F67

■ 879AB5

■ 24384F

■ A1B5D0

■ 0C2338

■ BDD0ED

■ 000D22

■ D9ECFF

■ 00000A

■ F5FFFF

■ 000000

■ 546780

■ 546780

■ 476080

■ 616E80

■ 3A5880

■ 6E7680

■ 2E5180

■ 7A7D80

■ 214A80

■ 878480

■ 144380

■ 948B80

■ 073B80

■ A19380

■ 003780

■ AE9A80

■ BAA180

■ C7A880

Harmonies

Analogous

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



446B7C



546780



66627D

Triad

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



546780



815D5A



536C57

Complementary

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



546780



806D54

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.



62684E



546780



7B604F

Square

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



546780



7F5C67



70644B



456D64

Rectangle

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



546780



715F78



70644B



586B53

Sweetspot

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



546780



959CA6



54806D



4A4E54



D4D4D4



545454

Same Dimension

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



546780



627FA6



575480



393C40



003780



000000

Inverse Universe

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



805467



A6627F



7D8054



40393C



800037



000000

Previews

White Background



This preview shows how the Hex color 546780 looks on a white background.

Color Contrast Check

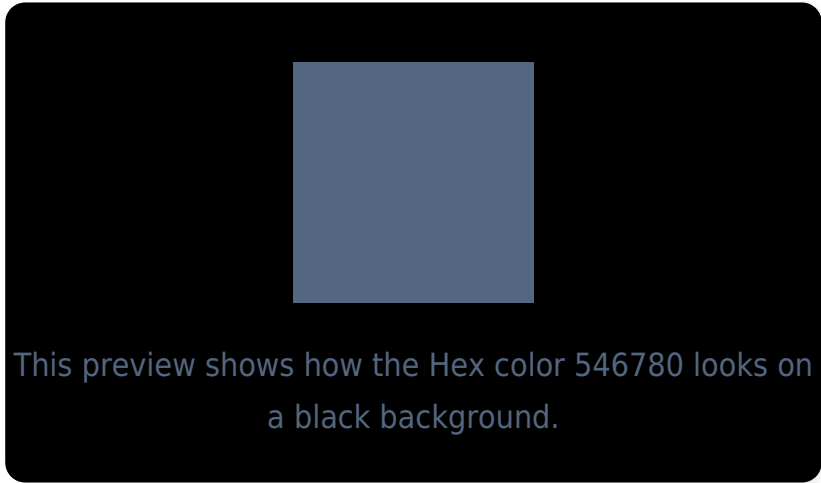
Large Text (above 18pt) WCAG AA ✓ Pass

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

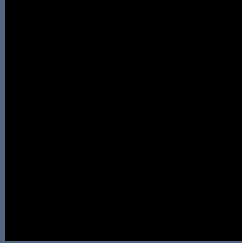
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

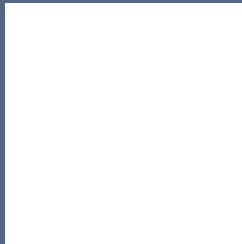
Any Text WCAG AAA × Fail

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

Hex 546780 Background



This preview shows how black text looks on a background with the Hex color 546780.

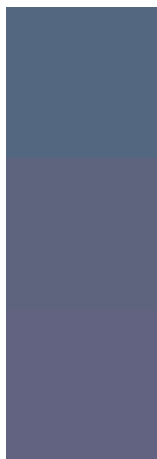


This preview shows how white text looks on a background with the Hex color 546780.

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


546780

Protanopia

5F647E

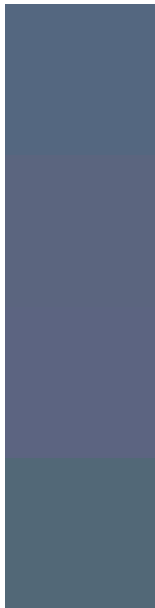
Deuteranopia

616381



Tritanopia
516972

Trichromacy



Original Color
546780

Protanomaly
5B657F

Deuteranomaly
5C6481

Tritanomaly
526877

Monochromacy



Original Color
546780

Achromatopsia
646464

Achromatomaly
5E656E

CSS Examples

Text

The CSS property to change the color of the text to Hex 546780 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 #546780 looks like.

```
.text, #text, p{  
    color:#546780  
}
```

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 #546780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #546780
}
```

Border

The CSS property to change the border of an element to Hex 546780 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
#546780 }
```

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

```
.border{ border-color:#546780 }
```

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

Here you see how a box with a 4 pixel #546780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #546780; -webkit-box-shadow:4px 4px  
4px 4px #546780; box-shadow:4px 4px 4px  
4px #546780 }
```

Background

The CSS property to change the background color of an element to Hex 546780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#546780 }
```

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

```
.background{ background-color:#546780 }
```

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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