

Converting Colors

Hex(576684)

Have a look what the booklet for
Hex(576684) contains.

Hex(576684)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(576684)

Conversions

Conversions Part 1

Format	Color
Hex	576684
RGB	87, 102, 132
RGB Percent	34%, 40%, 52%
CMY	0.6588, 0.6000, 0.4824
CMYK	0.34, 0.23, 0.00, 0.48
HSL	220°, 21%, 43%
HSV	220°, 34%, 52%
XYZ	12.8467, 13.1949, 23.6996
YIQ	100.9350, -18.5700, 6.1500

Conversions

Conversions Part 2

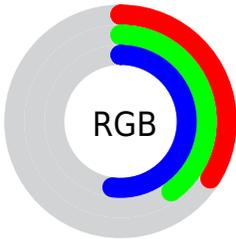
Format	Color
RYB	87, 98, 132
Decimal	5727876
CIELab	43.06, 2.05, -18.49
CIElCh	43, 18.600, 276.325
Yxy	13.1949, 0.2583, 0.2653
Android (android.graphics.Color)	4283917956 (0xFF576684)
YUV	100.9350, 15.3150, -12.2210
Hunter-Lab	36.3248, -0.4398, -13.2555

Details

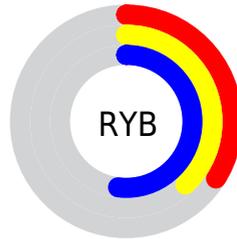
The Hex color **576684** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **847557**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8A99B9**, and **273752** is the 20% darker color. If you saturate the color by 10%, you get **4A5D84**, and if you desaturate by 10%, it is **646F84**.

Distribution



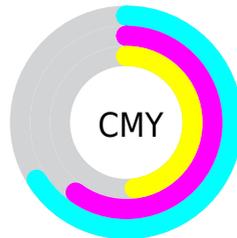
- Red (34%)
- Green (40%)
- Blue (52%)



- Red (34%)
- Yellow (38%)
- Blue (52%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (66%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576684 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 576684 by changing the saturation by 10% instead.

■ 576684

■ 576684

FFFFFF

■ 3F4E6B

■ 8A99B9

■ 273752

■ A5B4D5

■ 0F223B

■ C0CFF1

■ 000C26

■ DCEBFF

■ 00010F

■ F9FFFF

■ 000000

■ 576684

■ 576684

■ 4A5D84

■ 646F84

■ 3D5484

■ 717884

■ 2F4C84

■ 7F8084

■ 224384

■ 8C8984

■ 153A84

■ 999284

■ 083184

■ A69B84

■ 002C84

■ B3A484

■ C1AC84

■ CEB584

Harmonies

Analogous

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



426B81



576684



6C617E

Triad

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



576684



845C54



4B6D59

Complementary

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



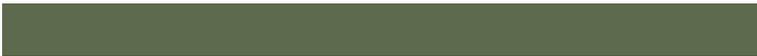
576684



847557

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.



5D6A4D



576684



7B614A

Square

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



576684



845A63



6E6647



3C6E69

Rectangle

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



576684



785D77



6E6647



516C54

Sweetspot

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



576684



9A9FAB



578475



4C5057



D6D6D6



575757

Same Dimension

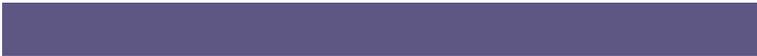
The Same Dimension uses a secret algorithm to generate beautiful new colors.



576684



657CAB



5E5784



3C3E42



002B82



000103

Inverse Universe

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



845766



AB657C



7D8457



423C3E



82002B



030001

Previews

White Background



This preview shows how the Hex color 576684 looks on a white background.

Color Contrast Check

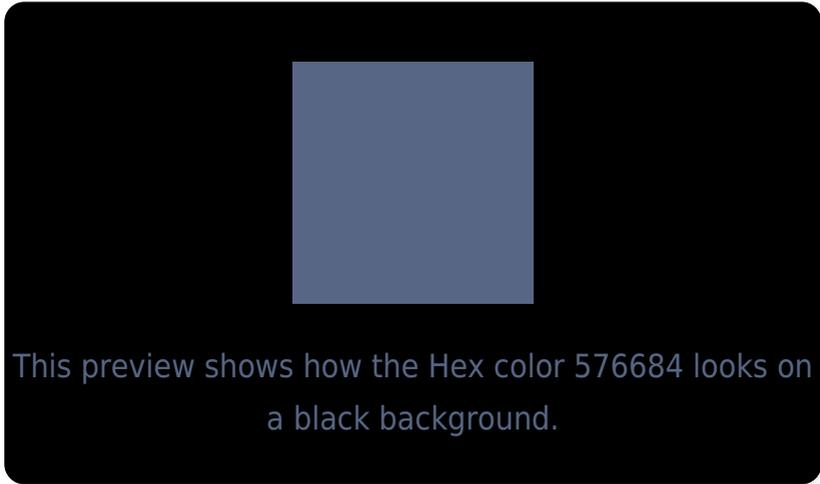
Large Text (above 18pt) WCAG AA ✓ Pass

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

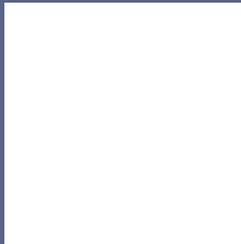
Any Text WCAG AAA × Fail

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

Hex 576684 Background



This preview shows how black text looks on a background with the Hex color 576684.



This preview shows how white text looks on a background with the Hex color 576684.

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

576684

Protanopia

5E6483

Deuteranopia

5F6484



Tritanopia
536972

Trichromacy



Original Color
576684

Protanomaly
5B6583

Deuteranomaly
5C6584

Tritanomaly
546879

Monochromacy



Original Color
576684

Achromatopsia
656565

Achromatomaly
606570

CSS Examples

Text

The CSS property to change the color of the text to Hex 576684 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 #576684 looks like.

```
.text, #text, p{  
    color:#576684  
}
```

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 #576684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576684
}
```

Border

The CSS property to change the border of an element to Hex 576684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

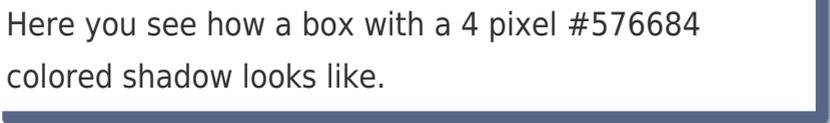
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#576684 }
```

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

```
.border{ border-color:#576684 }
```

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



Here you see how a box with a 4 pixel #576684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576684; -webkit-box-shadow:4px 4px  
4px 4px #576684; box-shadow:4px 4px 4px  
4px #576684 }
```

Background

The CSS property to change the background color of an element to Hex 576684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576684 }
```

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

```
.background{ background-color:#576684 }
```

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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