

Converting Colors

Hex(576789)

Have a look what the booklet for
Hex(576789) contains.

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Color

Hex(576789)

Conversions

Conversions Part 1

Format	Color
Hex	576789
RGB	87, 103, 137
RGB Percent	34%, 40%, 54%
CMY	0.6588, 0.5961, 0.4627
CMYK	0.36, 0.25, 0.00, 0.46
HSL	221°, 22%, 44%
HSV	221°, 36%, 54%
XYZ	13.2961, 13.5329, 25.5782
YIQ	102.0920, -20.4500, 7.1820

Conversions

Conversions Part 2

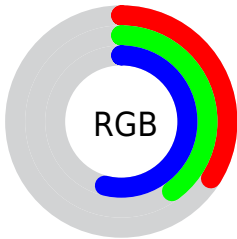
Format	Color
RYB	87, 99, 137
Decimal	5728137
CIELab	43.56, 2.85, -20.72
CIElCh	44, 20.919, 277.836
Yxy	13.5329, 0.2537, 0.2582
Android (android.graphics.Color)	4283918217 (0xFF576789)
YUV	102.0920, 17.2096, -13.2357
Hunter-Lab	36.7871, 0.1386, -15.4737

Details

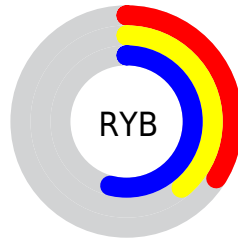
The Hex color **576789** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **897957**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8A9ABE**, and **263857** is the 20% darker color. If you saturate the color by 10%, you get **495E89**, and if you desaturate by 10%, it is **657089**.

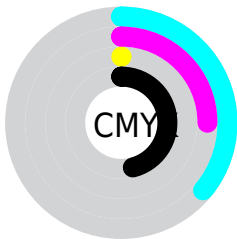
Distribution



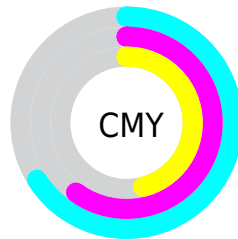
- Red (34%)
- Green (40%)
- Blue (54%)



- Red (34%)
- Yellow (39%)
- Blue (54%)



- Cyan (36%)
- Magenta (25%)
- Yellow (0%)
- Black (46%)



- Cyan (66%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576789 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 576789 by changing the saturation by 10% instead.

■ 576789

■ 576789

FFFFFF

■ 3E4F70

■ 8A9ABE

■ 263857

■ A5B5DA

■ 0D2340

■ C1D0F7

■ 000D29

■ DDECFF

■ 000114

■ FAFFFF

■ 000000

■ 576789

■ 576789

■ 495E89

■ 657089

■ 3C5489

■ 727A89

■ 2E4B89

■ 808389

■ 204289

■ 8E8C89

■ 133889

■ 9B9689

■ 052F89

■ A99F89

■ 002C89

■ B7A889

■ C5B289

■ D2BB89

Harmonies

Analogous

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



3E6C87



576789



6F6182

Triad

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



576789



885C52



476F59

Complementary

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



576789



897957

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.



5C6C4B



576789



7E6147

Square

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



576789



895A63



6F6744



35716B

Rectangle

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



576789



7C5D7A



6F6744



4E6F54

Sweetspot

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



576789



9FA5B3



578978



4E5159



D9D9D9



595959

Same Dimension

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



576789



647DB3



5F5789



3E4045



002A85



000205

Inverse Universe

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



895767



B3647D



818957



453E40



85002A



050002

Previews

White Background



This preview shows how the Hex color 576789 looks on a white background.

Color Contrast Check

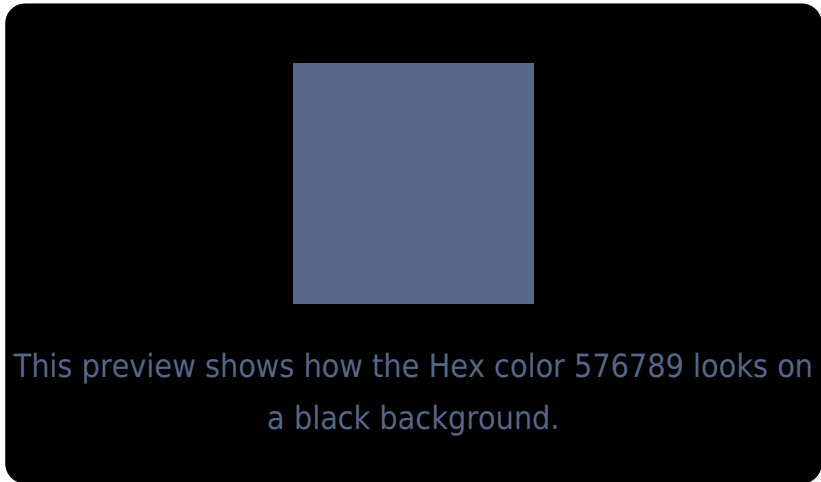
Large Text (above 18pt) WCAG AA ✓ Pass

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

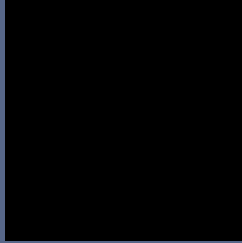
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

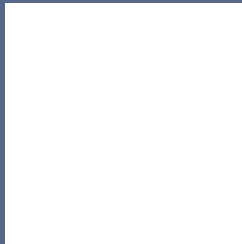
Any Text WCAG AAA × Fail

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

Hex 576789 Background



This preview shows how black text looks on a background with the Hex color 576789.

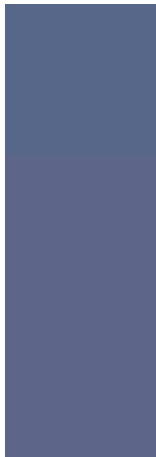


This preview shows how white text looks on a background with the Hex color 576789.

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
576789

Protanopia
5D6588

Deuteranopia
5D6589



Tritanopia
526B74

Trichromacy



Original Color
576789

Protanomaly
5B6688

Deuteranomaly
5B6689

Tritanomaly
546A7C

Monochromacy



Original Color
576789

Achromatopsia
666666

Achromatomaly
616673

CSS Examples

Text

The CSS property to change the color of the text to Hex 576789 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 #576789 looks like.

```
.text, #text, p{  
    color:#576789  
}
```

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 #576789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576789
}
```

Border

The CSS property to change the border of an element to Hex 576789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

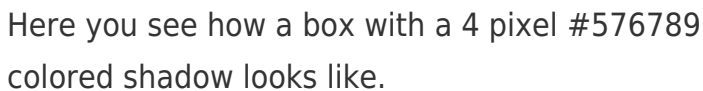
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#576789 }
```

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

```
.border{ border-color:#576789 }
```

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



Here you see how a box with a 4 pixel #576789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576789; -webkit-box-shadow:4px 4px  
4px 4px #576789; box-shadow:4px 4px 4px  
4px #576789 }
```

Background

The CSS property to change the background color of an element to Hex 576789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576789 }
```

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

```
.background{ background-color:#576789 }
```

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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