

Converting Colors

Hex(576087)

Have a look what the booklet for
Hex(576087) contains.

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Color

Hex(576087)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 576087 |
| RGB | 87, 96, 135 |
| RGB Percent | 34%, 38%, 53% |
| CMY | 0.6588, 0.6235, 0.4706 |
| CMYK | 0.36, 0.29, 0.00, 0.47 |
| HSL | 229°, 22%, 44% |
| HSV | 229°, 36%, 53% |
| XYZ | 12.4865, 12.1412, 24.6071 |
| YIQ | 97.7550, -17.8830, 10.2210 |

Conversions

Conversions Part 2

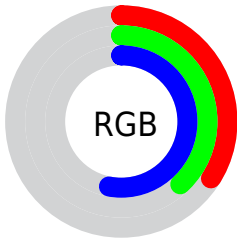
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 87, 95, 135 |
| Decimal | 5726343 |
| CIE _{Lab} | 41.44, 6.59, -22.79 |
| CIE _{LCh} | 41, 23.724, 286.135 |
| Yxy | 12.1412, 0.2536, 0.2466 |
| Android (android.graphics.Color) | 4283916423 (0xFF576087) |
| YUV | 97.7550, 18.3618, -9.4321 |
| Hunter-Lab | 34.8443, 2.9883, -17.4796 |

Details

The Hex color **576087** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **877E57**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8A92BC**, and **273255** is the 20% darker color. If you saturate the color by 10%, you get **4A5587**, and if you desaturate by 10%, it is **656B87**.

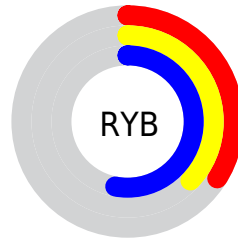
Distribution



Red (34%)

Green (38%)

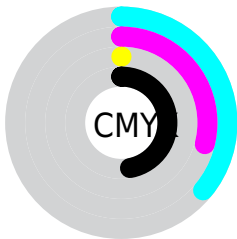
Blue (53%)



Red (34%)

Yellow (37%)

Blue (53%)

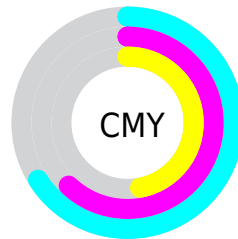


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (47%)



Cyan (66%)

Magenta (62%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 576087 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 576087 by changing the saturation by 10% instead.

■ 576087

■ 576087

FFFFFF

■ 3F486E

■ 8A92BC

■ 273255

■ A5ADD8

■ 0E1D3E

■ C1C8F5

■ 000328

■ DDE4FF

■ 000112

■ FAFFFF

■ 000000

■ 576087

■ 576087

■ 4A5587

■ 656B87

■ 3C4A87

■ 727687

■ 2F3F87

■ 808187

■ 213487

■ 8D8C87

■ 132987

■ 9B9787

■ 061E87

■ A8A287

■ 001987

■ B6AD87

■ C3B887

■ D1C387

Harmonies

Analogous

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



376687



576087



71597D

Triad

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



576087



845747



366C58

Complementary

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



576087



877E57

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.



4E6946



576087



775D3C

Square

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



576087



885358



64643C



1E6C6C

Rectangle

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



576087



7E5572



64643C



3E6B51

Sweetspot

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



576087



9DA0B0



57877D



4E5059



D9D9D9



595959

Same Dimension

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



576087



6472B0



655787



3C3D42



001882



000003

Inverse Universe

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



875760



B06472



798757



423C3D



820018



030000

Previews

White Background



This preview shows how the Hex color 576087 looks on a white background.

Color Contrast Check

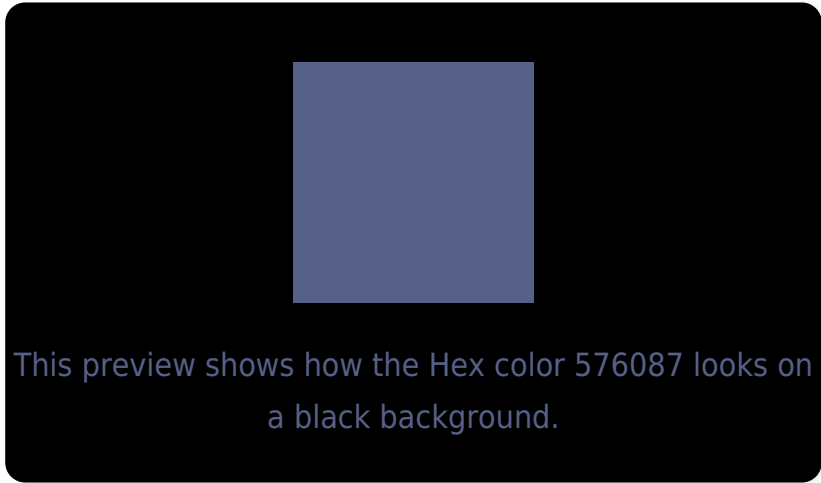
Large Text (above 18pt) WCAG AA ✓ Pass

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

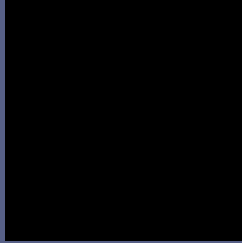
Any Text WCAG AA × Fail

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 576087 Background



This preview shows how black text looks on a background with the Hex color 576087.



This preview shows how white text looks on a background with the Hex color 576087.

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](#).

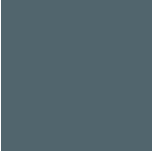
Dichromacy



Original Color
576087

Protanopia
566087

Deuteranopia
566087



Tritanopia
51656D

Trichromacy



Original Color
576087

Protanomaly
566087

Deuteranomaly
566087

Tritanomaly
536376

Monochromacy



Original Color
576087

Achromatopsia
626262

Achromatomaly
5E616F

CSS Examples

Text

The CSS property to change the color of the text to Hex 576087 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 #576087 looks like.

```
.text, #text, p{  
    color:#576087  
}
```

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 #576087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #576087
}
```

Border

The CSS property to change the border of an element to Hex 576087 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
#576087 }
```

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

```
.border{ border-color:#576087 }
```

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

Here you see how a box with a 4 pixel #576087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #576087; -webkit-box-shadow:4px 4px  
4px 4px #576087; box-shadow:4px 4px 4px  
4px #576087 }
```

Background

The CSS property to change the background color of an element to Hex 576087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#576087 }
```

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

```
.background{ background-color:#576087 }
```

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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