

Converting Colors

Hex(575C89)

Have a look what the booklet for
Hex(575C89) contains.

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Color

Hex(575C89)

Conversions

Conversions Part 1

Format	Color
Hex	575C89
RGB	87, 92, 137
RGB Percent	34%, 36%, 54%
CMY	0.6588, 0.6392, 0.4627
CMYK	0.36, 0.33, 0.00, 0.46
HSL	234°, 22%, 44%
HSV	234°, 36%, 54%
XYZ	12.2730, 11.4867, 25.2372
YIQ	95.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

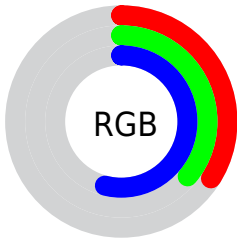
Format	Color
RYB	87, 92, 137
Decimal	5725321
CIELab	40.39, 9.67, -25.63
CIElCh	40, 27.395, 290.664
Yxy	11.4867, 0.2505, 0.2344
Android (android.graphics.Color)	4283915401 (0xFF575C89)
YUV	95.6350, 20.3929, -7.5729
Hunter-Lab	33.8920, 5.3275, -20.4251

Details

The Hex color **575C89** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **898457**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8A8EBF**, and **262E57** is the 20% darker color. If you saturate the color by 10%, you get **495089**, and if you desaturate by 10%, it is **656889**.

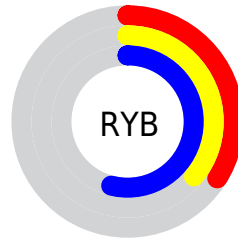
Distribution



Red (34%)

Green (36%)

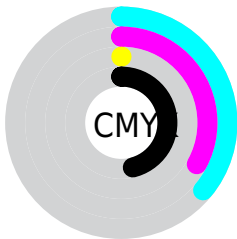
Blue (54%)



Red (34%)

Yellow (36%)

Blue (54%)

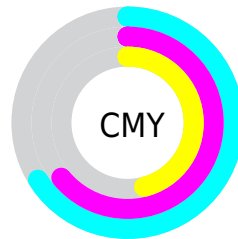


Cyan (36%)

Magenta (33%)

Yellow (0%)

Black (46%)



Cyan (66%)

Magenta (64%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575C89 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 575C89 by changing the saturation by 10% instead.

■ 575C89

■ 575C89

FFFFFF

■ 3E456F

■ 8A8EBF

■ 262E57

■ A5A8DB

■ 0C1A3F

■ C1C4F7

■ 000029

■ DDE0FF

■ 000113

■ FAFCFF

■ 000000

■ 575C89

■ 575C89

■ 495089

■ 656889

■ 3C4389

■ 727589

■ 2E3789

■ 808189

■ 202B89

■ 8E8D89

■ 131E89

■ 9B9A89

■ 051289

■ A9A689

■ 000E89

■ B7B289

■ C5BF89

■ D2CB89

Harmonies

Analogous

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



2F648B



575C89



74547C

Triad

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



575C89



83543D



246B57

Complementary

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



575C89



898457

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.



446842



575C89



745B33

Square

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



575C89



8A4E51



5E6334



006B6E

Rectangle

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



575C89



814F6F



5E6334



306A50

Sweetspot

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



575C89



9FA1B3



578984



4E4F59



D9D9D9



595959

Same Dimension

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



575C89



646CB3



6B5789



3E3F45



000D85



000105

Inverse Universe

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



89575C



B3646C



758957



453E3F



85000D



050001

Previews

White Background



This preview shows how the Hex color 575C89 looks on a white background.

Color Contrast Check

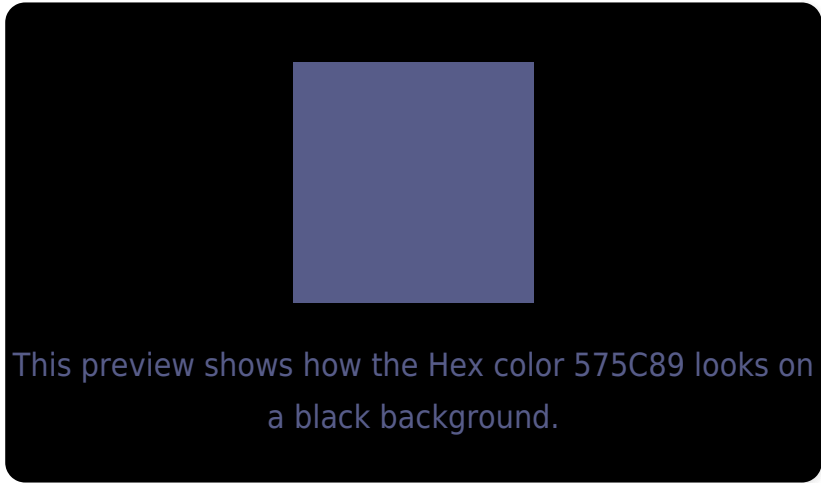
Large Text (above 18pt) WCAG AA ✓ Pass

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

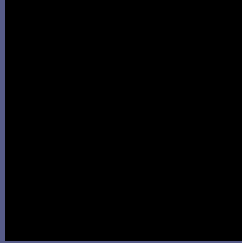
Any Text WCAG AA × Fail

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 575C89 Background



This preview shows how black text looks on a background with the Hex color 575C89.

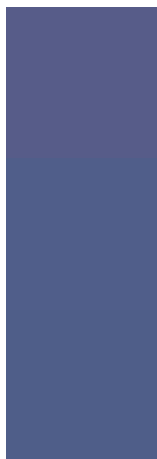


This preview shows how white text looks on a background with the Hex color 575C89.

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

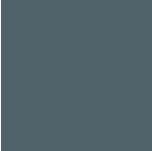
575C89

Protanopia

505E8A

Deuteranopia

4F5E89



Tritanopia
50626A

Trichromacy



Original Color
575C89

Protanomaly
535D8A

Deuteranomaly
525D89

Tritanomaly
536075

Monochromacy



Original Color
575C89

Achromatopsia
606060

Achromatomaly
5D5F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 575C89 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 #575C89 looks like.

```
.text, #text, p{  
    color:#575C89  
}
```

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 #575C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575C89
}
```

Border

The CSS property to change the border of an element to Hex 575C89 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
#575C89 }
```

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

```
.border{ border-color:#575C89 }
```

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

Here you see how a box with a 4 pixel #575C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575C89; -webkit-box-shadow:4px 4px  
4px 4px #575C89; box-shadow:4px 4px 4px  
4px #575C89 }
```

Background

The CSS property to change the background color of an element to Hex 575C89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575C89 }
```

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

```
.background{ background-color:#575C89 }
```

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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