

Converting Colors

Hex(5E5980)

Have a look what the booklet for
Hex(5E5980) contains.

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Color

Hex(5E5980)

Conversions

Conversions Part 1

Format	Color
Hex	5E5980
RGB	94, 89, 128
RGB Percent	37%, 35%, 50%
CMY	0.6314, 0.6510, 0.4980
CMYK	0.27, 0.30, 0.00, 0.50
HSL	248°, 18%, 43%
HSV	248°, 30%, 50%
XYZ	12.0848, 11.0830, 21.9244
YIQ	94.9410, -9.5390, 13.1890

Conversions

Conversions Part 2

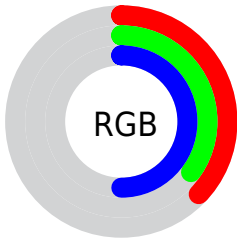
Format	Color
R_{YB}	94, 89, 128
Decimal	6183296
CIE _{Lab}	39.72, 11.25, -21.16
CIE _{LCh}	40, 23.961, 298.003
Yxy	11.0830, 0.2680, 0.2458
Android (android.graphics.Color)	4284373376 (0xFF5E5980)
YUV	94.9410, 16.2981, -0.8253
Hunter-Lab	33.2911, 6.5366, -15.7426

Details

The Hex color **5E5980** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B8059**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **918BB5**, and **2E2C4F** is the 20% darker color. If you saturate the color by 10%, you get **534C80**, and if you desaturate by 10%, it is **696680**.

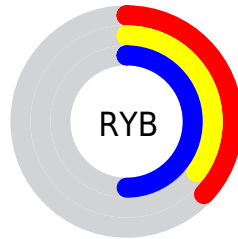
Distribution



Red (37%)

Green (35%)

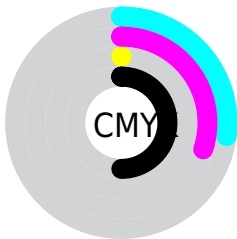
Blue (50%)



Red (37%)

Yellow (35%)

Blue (50%)

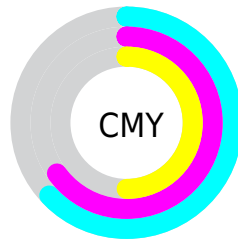


Cyan (27%)

Magenta (30%)

Yellow (0%)

Black (50%)



Cyan (63%)

Magenta (65%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5980 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 5E5980 by changing the saturation by 10% instead.

■ 5E5980

■ 5E5980

FFFFFF

■ 464267

■ 918BB5

■ 2E2C4F

■ ACA5D1

■ 181738

■ C7C0ED

■ 010022

■ E4DCFF

■ 000008

■ FFF9FF

■ 000000

■ 5E5980

■ 5E5980

■ 534C80

■ 696680

■ 483F80

■ 747380

■ 3D3380

■ 7F7F80

■ 312680

■ 8B8C80

■ 261980

■ 969980

■ 1B0C80

■ A1A680

■ 100080

■ ACB380

■ B7BF80

■ C2CC80

Harmonies

Analogous

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



3F6084



5E5980



755273

Triad

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



5E5980



7B553D



27685C

Complementary

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



5E5980



7B8059

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.



416648



5E5980



6C5C36

Square

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



5E5980



83504C



58623A



0F686F

Rectangle

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



5E5980



7F4F66



58623A



306855

Sweetspot

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



5E5980



9997A6



597B80



4C4B54



D4D4D4



545454

Same Dimension

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



5E5980



7068A6



715980



3A3940



100080



000000

Inverse Universe

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



80597B



A6689E



688059



40393F



80006F



000000

Previews

White Background



This preview shows how the Hex color 5E5980 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

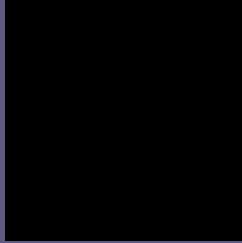
Any Text WCAG AA × Fail

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 5E5980 Background



This preview shows how black text looks on a background with the Hex color 5E5980.

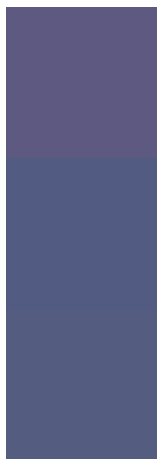


This preview shows how white text looks on a background with the Hex color 5E5980.

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
5E5980

Protanopia
525C83

Deuteranopia
545C7F



Tritanopia
595E66

Trichromacy



Original Color
5E5980

Protanomaly
565B82

Deuteranomaly
585B7F

Tritanomaly
5B5C6F

Monochromacy



Original Color
5E5980

Achromatopsia
5F5F5F

Achromatomaly
5F5D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5980 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 #5E5980 looks like.

```
.text, #text, p{  
    color:#5E5980  
}
```

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 #5E5980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5980
}
```

Border

The CSS property to change the border of an element to Hex 5E5980 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
#5E5980 }
```

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

```
.border{ border-color:#5E5980 }
```

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

Here you see how a box with a 4 pixel #5E5980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5980; -webkit-box-shadow:4px 4px  
4px 4px #5E5980; box-shadow:4px 4px 4px  
4px #5E5980 }
```

Background

The CSS property to change the background color of an element to Hex 5E5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5980 }
```

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

```
.background{ background-color:#5E5980 }
```

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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