

Converting Colors

Hex(5F586B)

Have a look what the booklet for
Hex(5F586B) contains.

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Color

Hex(5F586B)

Conversions

Conversions Part 1

Format	Color
Hex	5F586B
RGB	95, 88, 107
RGB Percent	37%, 35%, 42%
CMY	0.6275, 0.6549, 0.5804
CMYK	0.11, 0.18, 0.00, 0.58
HSL	262°, 10%, 38%
HSV	262°, 18%, 42%
XYZ	10.8629, 10.4739, 15.3590
YIQ	92.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

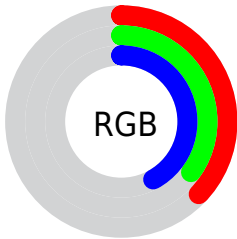
Format	Color
R_{YB}	95, 88, 107
Decimal	6248555
CIE _{Lab}	38.68, 6.96, -9.84
CIE _{LCh}	39, 12.047, 305.271
Yxy	10.4739, 0.2960, 0.2854
Android (android.graphics.Color)	4284438635 (0xFF5F586B)
YUV	92.2590, 7.2673, 2.4039
Hunter-Lab	32.3634, 3.2782, -5.4835

Details

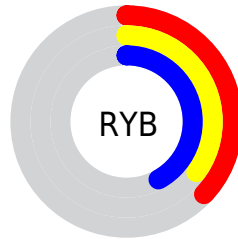
The Hex color **5F586B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646B58**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **928A9E**, and **312B3C** is the 20% darker color. If you saturate the color by 10%, you get **584D6B**, and if you desaturate by 10%, it is **66636B**.

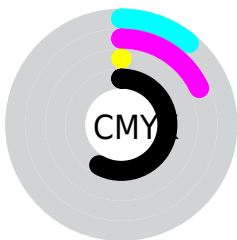
Distribution



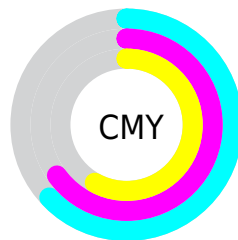
- Red (37%)
- Green (35%)
- Blue (42%)



- Red (37%)
- Yellow (35%)
- Blue (42%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F586B 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 5F586B by changing the saturation by 10% instead.

■ 5F586B

■ 5F586B

FFFFFF

■ 474153

■ 928A9E

■ 312B3C

■ ACA4B9

■ 1C1626

■ C7BFD5

■ 000011

■ E4DBF1

■ 000000

■ FFF8FF

■ 5F586B

■ 5F586B

■ 584D6B

■ 66636B

■ 51436B

■ 6D6D6B

■ 4B386B

■ 73786B

■ 442D6B

■ 7A836B

■ 3D236B

■ 818E6B

■ 36186B

■ 88986B

■ 300D6B

■ 8EA36B

■ 29026B

■ 95AE6B

■ 27006B

■ 9CB86B

Harmonies

Analogous

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



525B6E



5F586B



695563

Triad

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



5F586B



6A584A



43615C

Complementary

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



5F586B



646B58

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.



4B6053



5F586B



615B48

Square

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



5F586B



6F5550



565E4B



416066

Rectangle

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



5F586B



6E545D



565E4B



456159

Sweetspot

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



5F586B



88858C



58646B



454347



C7C7C7



474747

Same Dimension

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



5F586B



7A6F8C



68586B



323036



2B0075



5A00F5

Inverse Universe

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



6B5864



8C6F81



5B6B58



363034



75004A



F5009B

Previews

White Background



This preview shows how the Hex color 5F586B 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

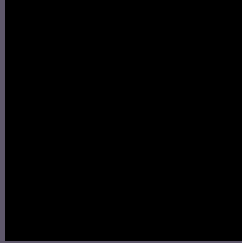
Any Text WCAG AA × Fail

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 5F586B Background



This preview shows how black text looks on a background with the Hex color 5F586B.

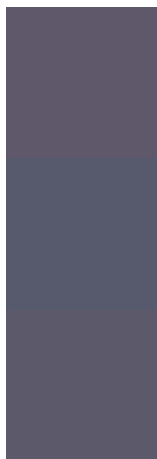


This preview shows how white text looks on a background with the Hex color 5F586B.

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
5F586B

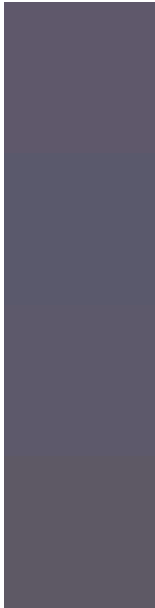
Protanopia
575A6D

Deuteranopia
5C596B



Tritanopia
5D5A61

Trichromacy



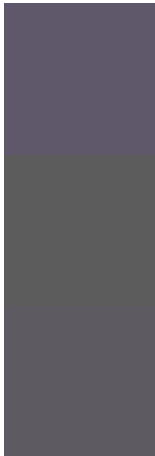
Original Color
5F586B

Protanomaly
5A596C

Deuteranomaly
5D596B

Tritanomaly
5E5965

Monochromacy



Original Color
5F586B

Achromatopsia
5C5C5C

Achromatomaly
5D5B61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F586B 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 #5F586B looks like.

```
.text, #text, p{  
    color:#5F586B  
}
```

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 #5F586B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F586B
}
```

Border

The CSS property to change the border of an element to Hex 5F586B is called "border". The border property can be set on classes, ids or directly on the HTML element.

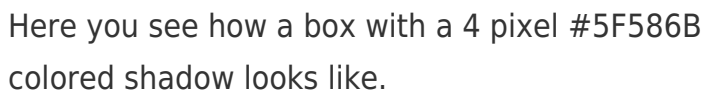
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F586B }
```

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

```
.border{ border-color:#5F586B }
```

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



Here you see how a box with a 4 pixel #5F586B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F586B; -webkit-box-shadow:4px 4px  
4px 4px #5F586B; box-shadow:4px 4px 4px  
4px #5F586B }
```

Background

The CSS property to change the background color of an element to Hex 5F586B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F586B }
```

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

```
.background{ background-color:#5F586B }
```

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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