

Converting Colors

Hex(58666A)

Have a look what the booklet for
Hex(58666A) contains.

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Color

Hex(58666A)

Conversions

Conversions Part 1

Format	Color
Hex	58666A
RGB	88, 102, 106
RGB Percent	35%, 40%, 42%
CMY	0.6549, 0.6000, 0.5843
CMYK	0.17, 0.04, 0.00, 0.58
HSL	193°, 9%, 38%
HSV	193°, 17%, 42%
XYZ	11.3774, 12.6181, 15.4715
YIQ	98.2700, -9.6280, -1.7240

Conversions

Conversions Part 2

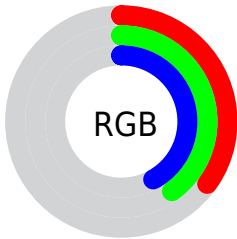
Format	Color
R_{YB}	88, 96, 106
Decimal	5793386
CIE _{Lab}	42.18, -4.37, -4.05
CIE _{LCh}	42, 5.957, 222.850
Yxy	12.6181, 0.2883, 0.3197
Android (android.graphics.Color)	4283983466 (0xFF58666A)
YUV	98.2700, 3.8109, -9.0068
Hunter-Lab	35.5219, -4.9912, -0.9584

Details

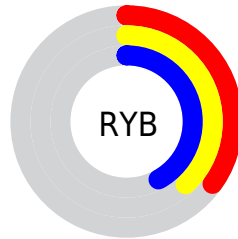
The Hex color **58666A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5C58**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8A999D**, and **2A373B** is the 20% darker color. If you saturate the color by 10%, you get **4D646A**, and if you desaturate by 10%, it is **63686A**.

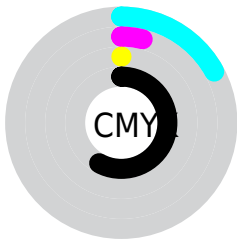
Distribution



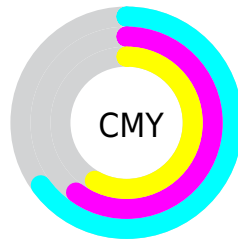
- Red (35%)
- Green (40%)
- Blue (42%)



- Red (35%)
- Yellow (38%)
- Blue (42%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58666A 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 58666A by changing the saturation by 10% instead.

■ 58666A

■ 58666A

FFFFFF

■ 404E52

■ 8A999D

■ 2A373B

■ A4B4B8

■ 152225

■ C0CFD4

■ 000C10

■ DCEBF0

■ 000000

■ F8FFFF

■ 58666A

■ 58666A

■ 4D646A

■ 63686A

■ 43616A

■ 6D6B6A

■ 385F6A

■ 786D6A

■ 2E5D6A

■ 826F6A

■ 235A6A

■ 8D726A

■ 18586A

■ 98746A

■ 0E566A

■ A2766A

■ 03536A

■ AD796A

■ 00526A

■ B77B6A

Harmonies

Analogous

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



586766



58666A



5B656D

Triad

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



58666A



6C6167



65645A

Complementary

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



58666A



6A5C58

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.



6A625A



58666A



6E6062

Square

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



58666A



67626B



6E615D



60655C

Rectangle

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



58666A



5F646D



6E615D



67635A

Sweetspot

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



58666A



83888A



586A5C



414445



C4C4C4



454545

Same Dimension

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



58666A



6E848A



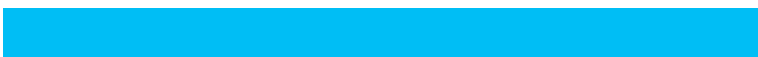
585D6A



303436



005B75



00BEF5

Inverse Universe

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



6A5866



8A6E84



6A6558



363034



75005B



F500BE

Previews

White Background



This preview shows how the Hex color 58666A looks on a white background.

Color Contrast Check

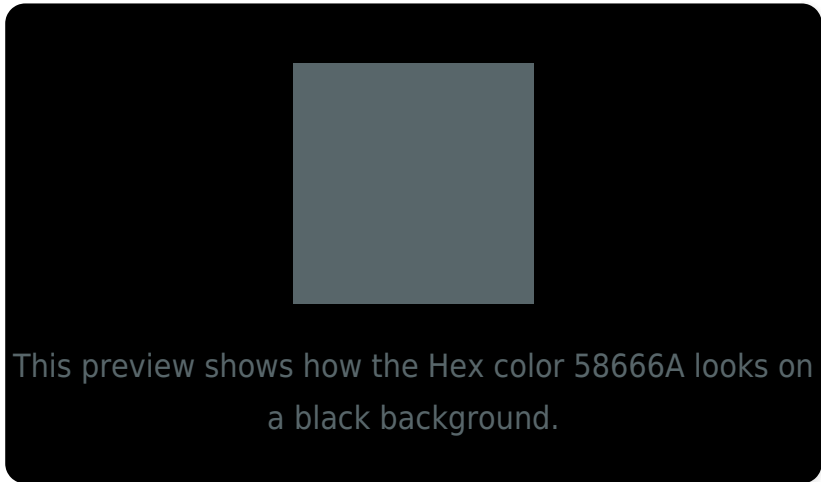
Large Text (above 18pt) WCAG AA ✓ Pass

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

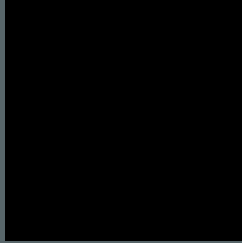
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

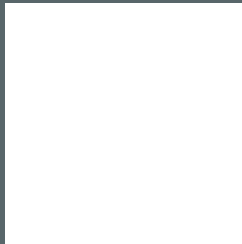
Any Text WCAG AAA × Fail

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

Hex 58666A Background



This preview shows how black text looks on a background with the Hex color 58666A.



This preview shows how white text looks on a background with the Hex color 58666A.

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](#).

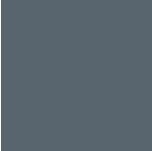
Dichromacy



Original Color
58666A

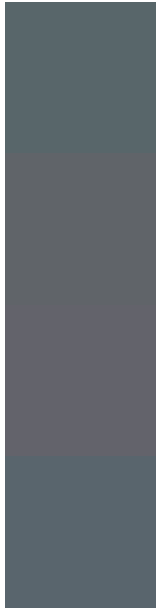
Protanopia
646368

Deuteranopia
69616B



Tritanopia
59656E

Trichromacy



Original Color

58666A

Protanomaly

606469

Deuteranomaly

63636B

Tritanomaly

59656D

Monochromacy



Original Color

58666A

Achromatopsia

626262

Achromatomaly

5E6365

CSS Examples

Text

The CSS property to change the color of the text to Hex 58666A 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 #58666A looks like.

```
.text, #text, p{  
    color:#58666A  
}
```

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 #58666A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58666A
}
```

Border

The CSS property to change the border of an element to Hex 58666A is called "border". The border property can be set on classes, ids or directly on the HTML element.

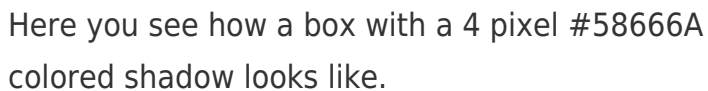
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58666A }
```

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

```
.border{ border-color:#58666A }
```

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



Here you see how a box with a 4 pixel #58666A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58666A; -webkit-box-shadow:4px 4px  
4px 4px #58666A; box-shadow:4px 4px 4px  
4px #58666A }
```

Background

The CSS property to change the background color of an element to Hex 58666A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58666A }
```

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

```
.background{ background-color:#58666A }
```

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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