

Converting Colors

Hex(59666A)

Have a look what the booklet for
Hex(59666A) contains.

| | |
|--|----|
| Hex(59666A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(59666A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 59666A |
| RGB | 89, 102, 106 |
| RGB Percent | 35%, 40%, 42% |
| CMY | 0.6510, 0.6000, 0.5843 |
| CMYK | 0.16, 0.04, 0.00, 0.58 |
| HSL | 194°, 9%, 38% |
| HSV | 194°, 16%, 42% |
| XYZ | 11.4727, 12.6672, 15.4760 |
| YIQ | 98.5690, -9.0320, -1.5120 |

Conversions

Conversions Part 2

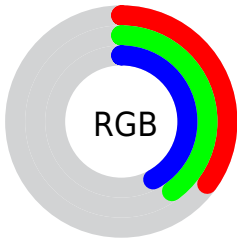
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 89, 96, 106 |
| Decimal | 5858922 |
| CIE _{Lab} | 42.26, -4.01, -3.93 |
| CIE _{LCh} | 42, 5.613, 224.459 |
| Yxy | 12.6672, 0.2896, 0.3198 |
| Android (android.graphics.Color) | 4284049002 (0xFF59666A) |
| YUV | 98.5690, 3.6635, -8.3920 |
| Hunter-Lab | 35.5910, -4.7450, -0.8673 |

Details

The Hex color **59666A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A5D59**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8B999D**, and **2B373B** is the 20% darker color. If you saturate the color by 10%, you get **4E646A**, and if you desaturate by 10%, it is **64686A**.

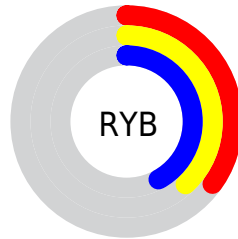
Distribution



Red (35%)

Green (40%)

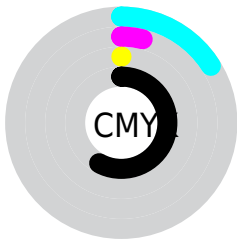
Blue (42%)



Red (35%)

Yellow (38%)

Blue (42%)

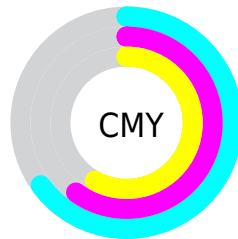


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (58%)



Cyan (65%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59666A 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 59666A by changing the saturation by 10% instead.



59666A



59666A

FFFFFF



414E52



8B999D



2B373B



A6B4B8



162225



C1CFD4



000C10



DDEBF0



000000



F9FFFF



59666A



59666A



4E646A



64686A



44616A



6E6B6A

■ 395F6A

■ 796D6A

■ 2F5C6A

■ 83706A

■ 245A6A

■ 8E726A

■ 19576A

■ 99756A

■ 0F556A

■ A3776A

■ 04526A

■ AE7A6A

■ 00516A

■ B87C6A

Harmonies

Analogous

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



596766



59666A



5C656C

Triad

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



59666A



6C6166



65645B

Complementary

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



59666A



6A5D59

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.



6A635B



59666A



6E6162

Square

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



59666A



67626A



6D615D



60655D

Rectangle

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



59666A



60646D



6D615D



67645B

Sweetspot

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



59666A



83888A



596A5D



414445



C4C4C4



454545

Same Dimension

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



59666A



70848A



595E6A



303436



005A75



00BBF5

Inverse Universe

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



6A5966



8A7084



6A6559



363034



75005A



F500BB

Previews

White Background



This preview shows how the Hex color 59666A looks on a white background.

Color Contrast Check

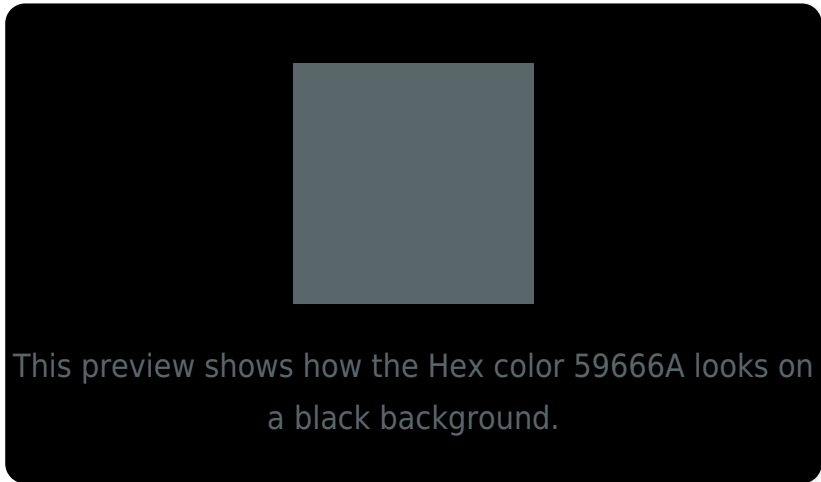
Large Text (above 18pt) WCAG AA ✓ Pass

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

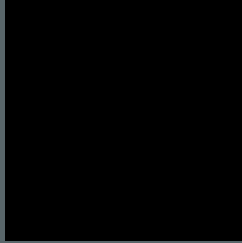
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

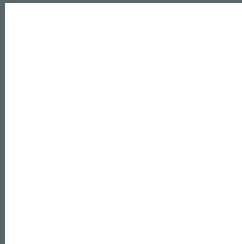
Any Text WCAG AAA × Fail

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

Hex 59666A Background



This preview shows how black text looks on a background with the Hex color 59666A.



This preview shows how white text looks on a background with the Hex color 59666A.

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](#).

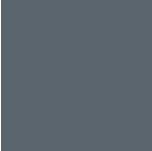
Dichromacy



Original Color
59666A

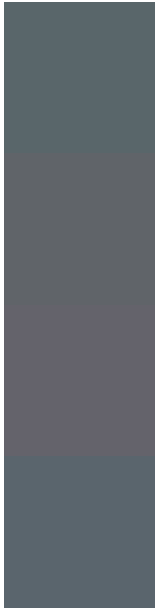
Protanopia
646368

Deuteranopia
6A616B



Tritanopia
5A656E

Trichromacy



Original Color
59666A

Protanomaly
606469

Deuteranomaly
64636B

Tritanomaly
5A656D

Monochromacy



Original Color
59666A

Achromatopsia
636363

Achromatomaly
5F6466

CSS Examples

Text

The CSS property to change the color of the text to Hex 59666A 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 #59666A looks like.

```
.text, #text, p{  
    color:#59666A  
}
```

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 #59666A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59666A
}
```

Border

The CSS property to change the border of an element to Hex 59666A 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
#59666A }
```

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

```
.border{ border-color:#59666A }
```

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

Here you see how a box with a 4 pixel #59666A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59666A; -webkit-box-shadow:4px 4px  
4px 4px #59666A; box-shadow:4px 4px 4px  
4px #59666A }
```

Background

The CSS property to change the background color of an element to Hex 59666A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59666A }
```

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

```
.background{ background-color:#59666A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor