

Converting Colors

Hex(626F6F)

Have a look what the booklet for
Hex(626F6F) contains.

Hex(626F6F)	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(626F6F)

Conversions

Conversions Part 1

Format	Color
Hex	626F6F
RGB	98, 111, 111
RGB Percent	38%, 44%, 44%
CMY	0.6157, 0.5647, 0.5647
CMYK	0.12, 0.00, 0.00, 0.56
HSL	180°, 6%, 41%
HSV	180°, 12%, 44%
XYZ	13.5907, 15.1132, 17.2398
YIQ	107.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

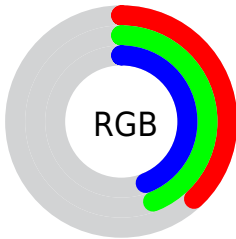
Format	Color
R_{YB}	98, 105, 111
Decimal	6451055
CIE _{Lab}	45.79, -4.87, -1.67
CIE _{LCh}	46, 5.149, 198.875
Yxy	15.1132, 0.2958, 0.3290
Android (android.graphics.Color)	4284641135 (0xFF626F6F)
YUV	107.1130, 1.9163, -7.9921
Hunter-Lab	38.8758, -5.6303, 0.9204

Details

The Hex color **626F6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F6262**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **95A3A3**, and **333F3F** is the 20% darker color. If you saturate the color by 10%, you get **576F6F**, and if you desaturate by 10%, it is **6D6F6F**.

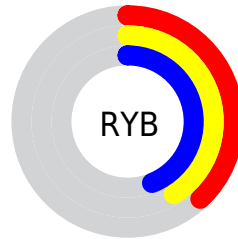
Distribution



Red (38%)

Green (44%)

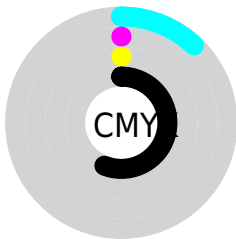
Blue (44%)



Red (38%)

Yellow (41%)

Blue (44%)

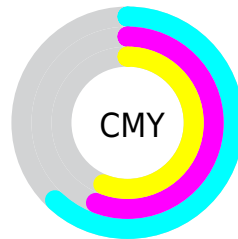


Cyan (12%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (62%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 626F6F 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 626F6F by changing the saturation by 10% instead.



626F6F



626F6F

FFFFFF



4A5757



95A3A3



333F3F



AFBEBE



1E292A



CBD9D9



071515



E7F6F6



000000



626F6F



626F6F



576F6F



6D6F6F



4C6F6F



786F6F



416F6F



836F6F

■ 366F6F

■ 8E6F6F

■ 2B6F6F

■ 9A6F6F

■ 1F6F6F

■ A56F6F

■ 146F6F

■ B06F6F

■ 096F6F

■ BB6F6F

■ 006F6F

■ C66F6F

Harmonies

Analogous

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



646F6B



626F6F



636E73

Triad

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



626F6F



716B72



726C64

Complementary

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



626F6F



6F6262

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.



756A66



626F6F



746A6E

Square

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



626F6F



6B6C74



766A6A



6D6D64

Rectangle

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



626F6F



656E74



766A6A



736B65

Sweetspot

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



626F6F



8C9191



626F62



464A4A



C9C9C9



4A4A4A

Same Dimension

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



626F6F



7D9191



62696F



323838



007878



00F7F7

Inverse Universe

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



6F626F



917D91



6F6962



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 626F6F looks on a white background.

Color Contrast Check

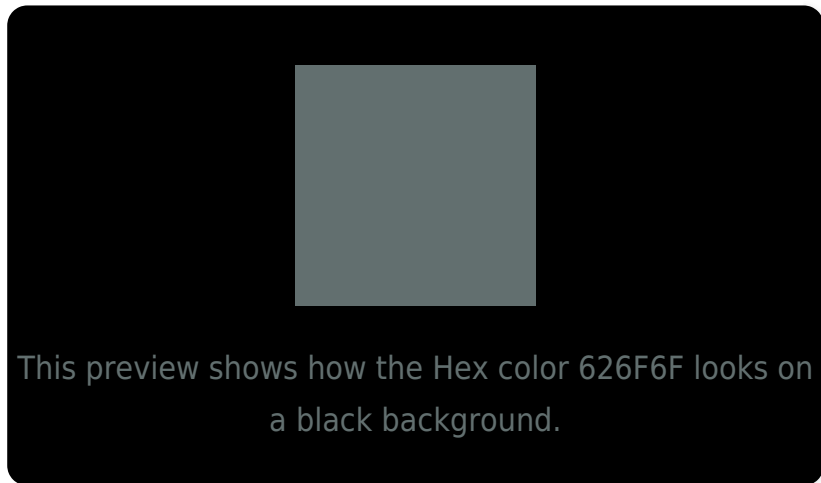
Large Text (above 18pt) WCAG AA ✓ Pass

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

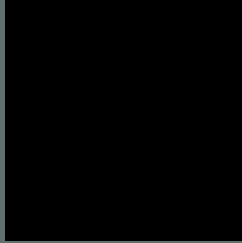
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

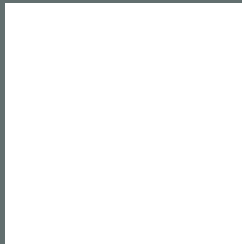
Any Text WCAG AAA × Fail

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

Hex 626F6F Background



This preview shows how black text looks on a background with the Hex color 626F6F.



This preview shows how white text looks on a background with the Hex color 626F6F.

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
626F6F

Protanopia
6E6C6D

Deuteranopia
756970



Tritanopia
636E77

Trichromacy



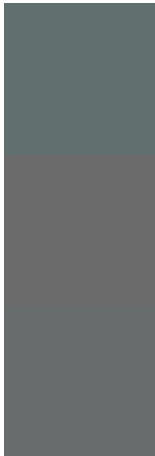
Original Color
626F6F

Protanomaly
6A6D6E

Deuteranomaly
6E6B70

Tritanomaly
636E74

Monochromacy



Original Color
626F6F

Achromatopsia
6B6B6B

Achromatomaly
686C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 626F6F 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 #626F6F looks like.

```
.text, #text, p{  
    color:#626F6F  
}
```

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 #626F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #626F6F
}
```

Border

The CSS property to change the border of an element to Hex 626F6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

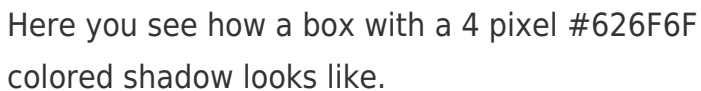
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#626F6F }
```

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

```
.border{ border-color:#626F6F }
```

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



Here you see how a box with a 4 pixel #626F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #626F6F; -webkit-box-shadow:4px 4px  
4px 4px #626F6F; box-shadow:4px 4px 4px  
4px #626F6F }
```

Background

The CSS property to change the background color of an element to Hex 626F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#626F6F }
```

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

```
.background{ background-color:#626F6F }
```

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