

Converting Colors

Hex(6F7470)

Have a look what the booklet for
Hex(6F7470) contains.

Hex(6F7470)	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(6F7470)

Conversions

Conversions Part 1

Format	Color
Hex	6F7470
RGB	111, 116, 112
RGB Percent	44%, 45%, 44%
CMY	0.5647, 0.5451, 0.5608
CMYK	0.04, 0.00, 0.03, 0.55
HSL	132°, 2%, 45%
HSV	132°, 4%, 45%
XYZ	15.7256, 17.0401, 17.7895
YIQ	114.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

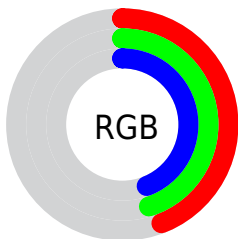
Format	Color
R_{YB}	111, 115, 116
Decimal	7304304
CIE Lab	48.31, -2.71, 1.54
CIE LCh	48, 3.120, 150.338
Yxy	17.0401, 0.3111, 0.3371
Android (android.graphics.Color)	4285494384 (0xFF6F7470)
YUV	114.0490, -1.0102, -2.6740
Hunter-Lab	41.2797, -4.2396, 3.3448

Details

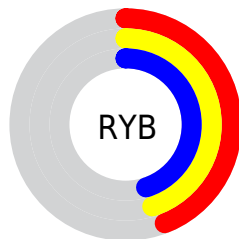
The Hex color **6F7470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **746F73**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A3A8A4**, and **3F4440** is the 20% darker color. If you saturate the color by 10%, you get **637467**, and if you desaturate by 10%, it is **7B7479**.

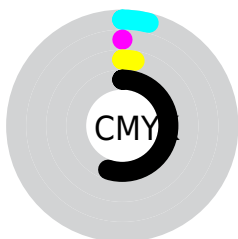
Distribution



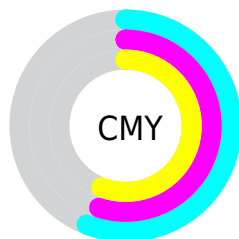
- Red (44%)
- Green (45%)
- Blue (44%)



- Red (44%)
- Yellow (45%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7470 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 6F7470 by changing the saturation by 10% instead.

■ 6F7470

■ 6F7470

FFFFFF

■ 575B58

■ A3A8A4

■ 3F4440

■ BEC3BF

■ 292E2A

■ D9DFDB

■ 151916

■ F6FCF7

■ 000000

■ 6F7470

■ 6F7470

■ 637467

■ 7B7479

■ 58745D

■ 867483

■ 4C7454

■ 92748C

41744B

9D7495

357442

A9749E

297438

B574A8

1E742F

C074B1

127426

CC74BA

07741C

D774C4

Harmonies

Analogous

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



72736E



6F7470



6D7473

Triad

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



6F7470



707378



797170

Complementary

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



6F7470



746F73

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.



787173



6F7470



737277

Square

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



6F7470



6E7477



767175



77726E

Rectangle

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



6F7470



6C7474



767175



797171

Sweetspot

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



6F7470



959695



73746F



4C4D4C



CCCCCC



4D4D4D

Same Dimension

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



6F7470



8F9690



6F7472



373B38



007A18



00FA32

Inverse Universe

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



746F73



968F95



746F71



3B373A



7A0062



FA00C8

Previews

White Background



This preview shows how the Hex color 6F7470 looks on a white background.

Color Contrast Check

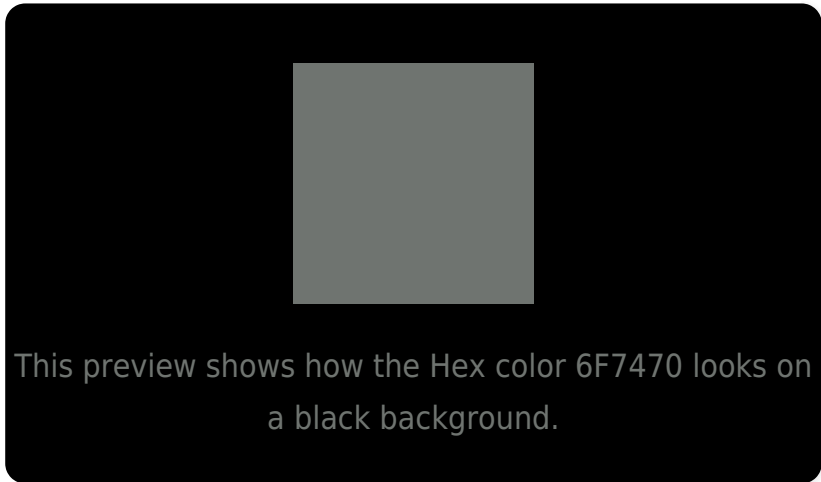
Large Text (above 18pt) WCAG AA ✓ Pass

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

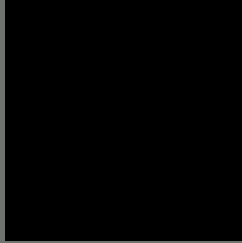
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

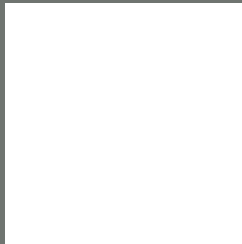
Any Text WCAG AAA × Fail

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

Hex 6F7470 Background



This preview shows how black text looks on a background with the Hex color 6F7470.



This preview shows how white text looks on a background with the Hex color 6F7470.

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
6F7470

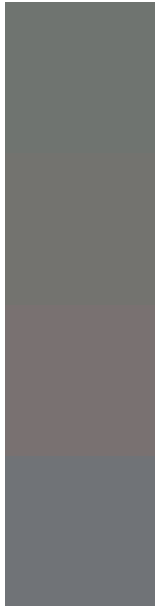
Protanopia
75726F

Deuteranopia
7E6F71



Tritanopia
71727B

Trichromacy



Original Color
6F7470

Protanomaly
73736F

Deuteranomaly
797171

Tritanomaly
707377

Monochromacy



Original Color
6F7470

Achromatopsia
727272

Achromatomaly
717371

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7470 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 #6F7470 looks like.

```
.text, #text, p{  
    color:#6F7470  
}
```

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 #6F7470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7470
}
```

Border

The CSS property to change the border of an element to Hex 6F7470 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
#6F7470 }
```

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

```
.border{ border-color:#6F7470 }
```

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

Here you see how a box with a 4 pixel #6F7470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7470; -webkit-box-shadow:4px 4px  
4px 4px #6F7470; box-shadow:4px 4px 4px  
4px #6F7470 }
```

Background

The CSS property to change the background color of an element to Hex 6F7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7470 }
```

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

```
.background{ background-color:#6F7470 }
```

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