

Converting Colors

Hex(6D7F89)

Have a look what the booklet for
Hex(6D7F89) contains.

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Color

Hex(6D7F89)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6D7F89 |
| RGB | 109, 127, 137 |
| RGB Percent | 43%, 50%, 54% |
| CMY | 0.5725, 0.5020, 0.4627 |
| CMYK | 0.20, 0.07, 0.00, 0.46 |
| HSL | 201°, 11%, 48% |
| HSV | 201°, 20%, 54% |
| XYZ | 18.4114, 20.2361, 26.6025 |
| YIQ | 122.7580, -13.9380, -0.7060 |

Conversions

Conversions Part 2

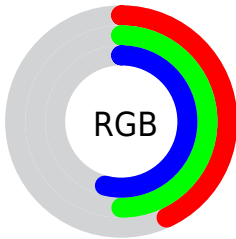
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 109, 120, 137 |
| Decimal | 7176073 |
| CIELab | 52.10, -4.24, -7.61 |
| CIElCh | 52, 8.715, 240.852 |
| Yxy | 20.2361, 0.2822, 0.3101 |
| Android (android.graphics.Color) | 4285366153 (0xFF6D7F89) |
| YUV | 122.7580, 7.0213, -12.0658 |
| Hunter-Lab | 44.9845, -5.6660, -3.5731 |

Details

The Hex color **6D7F89** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89776D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A1B4BE**, and **3D4E57** is the 20% darker color. If you saturate the color by 10%, you get **5F7A89**, and if you desaturate by 10%, it is **7B8489**.

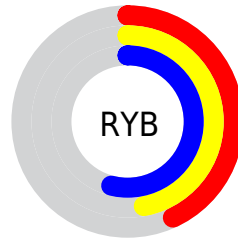
Distribution



Red (43%)

Green (50%)

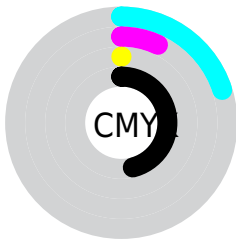
Blue (54%)



Red (43%)

Yellow (47%)

Blue (54%)

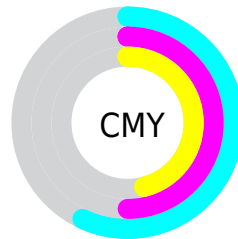


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7F89 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 6D7F89 by changing the saturation by 10% instead.

■ 6D7F89

■ 6D7F89

FFFFFF

■ 546670

■ A1B4BE

■ 3D4E57

■ BCCFDA

■ 263740

■ D8EBF7

■ 11222A

■ F4FFFF

■ 000C16

■ 000000

■ 6D7F89

■ 6D7F89

■ 5F7A89

■ 7B8489

■ 527589

■ 888989

447089

968E89

366B89

A49389

296789

B29789

1B6289

BF9C89

0D5D89

CDA189

005889

DBA689

E8AB89

Harmonies

Analogous

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



6A8084



6D7F89



757D8B

Triad

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



6D7F89



8B777C



7A7E6F

Complementary

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



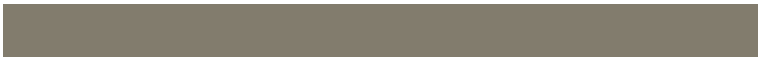
6D7F89



89776D

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.



827C6D



6D7F89



8C7875

Square

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



6D7F89



867884



89796F



718075

Rectangle

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



6D7F89



7B7B8A



89796F



7D7D6E

Sweetspot

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



6D7F89



A8AFB3



6D8977



535759



D9D9D9



595959

Same Dimension

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



6D7F89



86A3B3



6D7189



3E4245



005585



000305

Inverse Universe

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



896D7F



B386A3



89856D



453E42



850055



050003

Previews

White Background



This preview shows how the Hex color 6D7F89 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

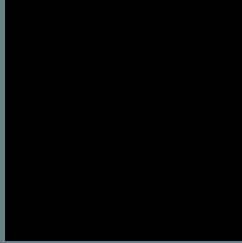
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

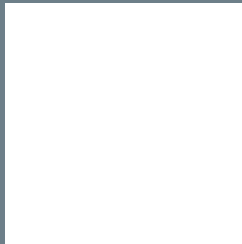
Any Text WCAG AAA × Fail

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

Hex 6D7F89 Background



This preview shows how black text looks on a background with the Hex color 6D7F89.



This preview shows how white text looks on a background with the Hex color 6D7F89.

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
6D7F89

Protanopia
7B7B87

Deuteranopia
81798A



Tritanopia
6D7F89

Trichromacy



Original Color
6D7F89

Protanomaly
767C88

Deuteranomaly
7A7B8A

Tritanomaly
6D7F89

Monochromacy



Original Color
6D7F89

Achromatopsia
7B7B7B

Achromatomaly
767C80

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7F89 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 #6D7F89 looks like.

```
.text, #text, p{  
    color:#6D7F89  
}
```

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 #6D7F89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7F89
}
```

Border

The CSS property to change the border of an element to Hex 6D7F89 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
#6D7F89 }
```

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

```
.border{ border-color:#6D7F89 }
```

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

Here you see how a box with a 4 pixel #6D7F89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7F89; -webkit-box-shadow:4px 4px  
4px 4px #6D7F89; box-shadow:4px 4px 4px  
4px #6D7F89 }
```

Background

The CSS property to change the background color of an element to Hex 6D7F89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7F89 }
```

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

```
.background{ background-color:#6D7F89 }
```

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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