

Converting Colors

Hex(6D5780)

Have a look what the booklet for
Hex(6D5780) contains.

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Color

Hex(6D5780)

Conversions

Conversions Part 1

Format	Color
Hex	6D5780
RGB	109, 87, 128
RGB Percent	43%, 34%, 50%
CMY	0.5725, 0.6588, 0.4980
CMYK	0.15, 0.32, 0.00, 0.50
HSL	272°, 19%, 42%
HSV	272°, 32%, 50%
XYZ	13.6112, 11.6261, 21.9488
YIQ	98.2520, -0.0490, 17.4150

Conversions

Conversions Part 2

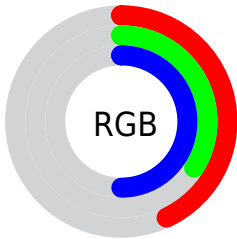
Format	Color
R_{YB}	109, 87, 128
Decimal	7165824
CIE _{Lab}	40.62, 17.56, -19.65
CIE _{LCh}	41, 26.355, 311.774
Yxy	11.6261, 0.2885, 0.2464
Android (android.graphics.Color)	4285355904 (0xFF6D5780)
YUV	98.2520, 14.6658, 9.4260
Hunter-Lab	34.0971, 11.5852, -14.2978

Details

The Hex color **6D5780** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6A8057**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A189B5**, and **3D294F** is the 20% darker color. If you saturate the color by 10%, you get **674A80**, and if you desaturate by 10%, it is **736480**.

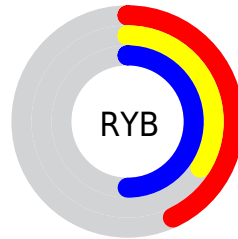
Distribution



Red (43%)

Green (34%)

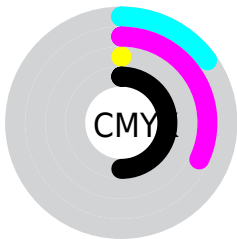
Blue (50%)



Red (43%)

Yellow (34%)

Blue (50%)

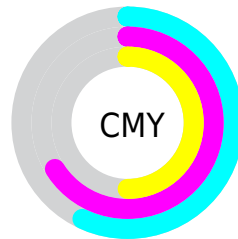


Cyan (15%)

Magenta (32%)

Yellow (0%)

Black (50%)



Cyan (57%)

Magenta (66%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D5780 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 6D5780 by changing the saturation by 10% instead.

6D5780

6D5780

FFFFFF

544067

A189B5

3D294F

BCA3D1

261438

D8BFED

150022

F5DAFF

000008

FFF7FF

000000

6D5780

6D5780

674A80

736480

613D80

797180

■ 5B3180

■ 7F7D80

■ 552480

■ 858A80

■ 4F1780

■ 8B9780

■ 490A80

■ 91A480

■ 450080

■ 97B180

■ 9CBD80

■ A2CA80

Harmonies

Analogous

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



4E5F8A



6D5780



81516E

Triad

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



6D5780



795A37



0B6B68

Complementary

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



6D5780



6A8057

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.



326A52



6D5780



656135

Square

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



6D5780



865344



4E673F



006A7C

Rectangle

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



6D5780



884F5F



4E673F



1B6B60

Sweetspot

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



6D5780



9E95A6



576A80



4F4A54



D4D4D4



545454

Same Dimension

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



6D5780



8967A6



80577F



3D3940



440080



000000

Inverse Universe

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



80576A



A66784



578058



40393C



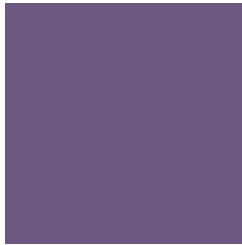
80003B



000000

Previews

White Background



This preview shows how the Hex color 6D5780 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

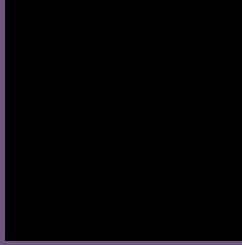
Any Text WCAG AA × Fail

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 6D5780 Background



This preview shows how black text looks on a background with the Hex color 6D5780.



This preview shows how white text looks on a background with the Hex color 6D5780.

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
6D5780

Protanopia
545F86

Deuteranopia
585E7F



Tritanopia
685D64

Trichromacy



Original Color
6D5780

Protanomaly
5D5C84

Deuteranomaly
605B7F

Tritanomaly
6A5B6E

Monochromacy



Original Color
6D5780

Achromatopsia
626262

Achromatomaly
665E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D5780 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 #6D5780 looks like.

```
.text, #text, p{  
    color:#6D5780  
}
```

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 #6D5780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5780
}
```

Border

The CSS property to change the border of an element to Hex 6D5780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

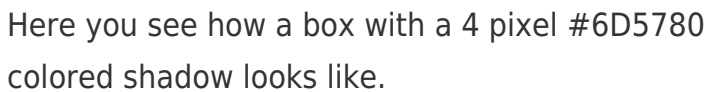
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5780 }
```

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

```
.border{ border-color:#6D5780 }
```

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



Here you see how a box with a 4 pixel #6D5780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5780; -webkit-box-shadow:4px 4px  
4px 4px #6D5780; box-shadow:4px 4px 4px  
4px #6D5780 }
```

Background

The CSS property to change the background color of an element to Hex 6D5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5780 }
```

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

```
.background{ background-color:#6D5780 }
```

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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