

Converting Colors

Hex(6D6785)

Have a look what the booklet for
Hex(6D6785) contains.

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Color

Hex(6D6785)

Conversions

Conversions Part 1

Format	Color
Hex	6D6785
RGB	109, 103, 133
RGB Percent	43%, 40%, 52%
CMY	0.5725, 0.5961, 0.4784
CMYK	0.18, 0.23, 0.00, 0.48
HSL	252°, 13%, 46%
HSV	252°, 23%, 52%
XYZ	15.3906, 14.6452, 24.2059
YIQ	108.2140, -6.0540, 10.6020

Conversions

Conversions Part 2

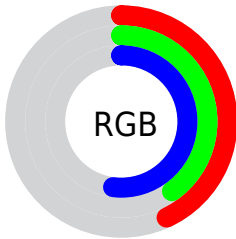
Format	Color
R_{YB}	109, 103, 133
Decimal	7169925
CIE _{Lab}	45.14, 8.97, -15.74
CIE _{LCh}	45, 18.115, 299.693
Yxy	14.6452, 0.2837, 0.2700
Android (android.graphics.Color)	4285360005 (0xFF6D6785)
YUV	108.2140, 12.2195, 0.6893
Hunter-Lab	38.2690, 4.8162, -10.7139

Details

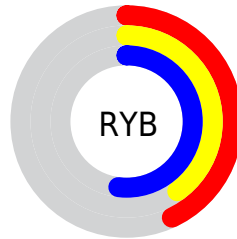
The Hex color **6D6785** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F8567**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A19ABA**, and **3D3853** is the 20% darker color. If you saturate the color by 10%, you get **625A85**, and if you desaturate by 10%, it is **787485**.

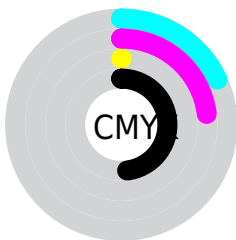
Distribution



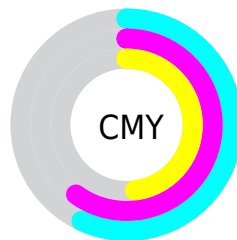
- Red (43%)
- Green (40%)
- Blue (52%)



- Red (43%)
- Yellow (40%)
- Blue (52%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (57%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6785 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 6D6785 by changing the saturation by 10% instead.



6D6785



6D6785

FFFFFF



544F6C



A19ABA



3D3853



BCB5D6



27233C



D8D0F2



120D26



F4EDFF



000111



000000



6D6785



6D6785



625A85



787485



584C85



828285

■ 4D3F85

■ 8D8F85

■ 423285

■ 989C85

■ 382585

■ A2AA85

■ 2D1785

■ ADB785

■ 230A85

■ B7C485

■ 1B0085

■ C2D185

■ CDDF85

Harmonies

Analogous

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



586C89



6D6785



7E627A

Triad

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



6D6785



836551



45736A

Complementary

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



6D6785



7F8567

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.



55725B



6D6785



766A4D

Square

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



6D6785



89615D



666E50



3E7379

Rectangle

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



6D6785



866071



666E50



4A7365

Sweetspot

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



6D6785



A4A1AD



677F85



515057



D6D6D6



575757

Same Dimension

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



6D6785



887FAD



7C6785



3D3C42



1A0082



010003

Inverse Universe

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



85677F



AD7FA4



718567



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 6D6785 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

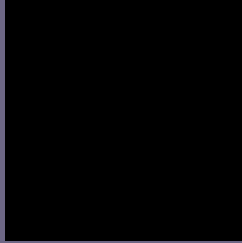
Any Text WCAG AA × Fail

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 6D6785 Background



This preview shows how black text looks on a background with the Hex color 6D6785.



This preview shows how white text looks on a background with the Hex color 6D6785.

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
6D6785

Protanopia
646A87

Deuteranopia
686985



Tritanopia
6A6A73

Trichromacy



Original Color
6D6785

Protanomaly
676986

Deuteranomaly
6A6885

Tritanomaly
6B697A

Monochromacy



Original Color
6D6785

Achromatopsia
6C6C6C

Achromatomaly
6C6A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6785 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 #6D6785 looks like.

```
.text, #text, p{  
    color:#6D6785  
}
```

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 #6D6785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6785
}
```

Border

The CSS property to change the border of an element to Hex 6D6785 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
#6D6785 }
```

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

```
.border{ border-color:#6D6785 }
```

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

Here you see how a box with a 4 pixel #6D6785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6785; -webkit-box-shadow:4px 4px  
4px 4px #6D6785; box-shadow:4px 4px 4px  
4px #6D6785 }
```

Background

The CSS property to change the background color of an element to Hex 6D6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6785 }
```

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

```
.background{ background-color:#6D6785 }
```

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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