

Converting Colors

Hex(6D4787)

Have a look what the booklet for
Hex(6D4787) contains.

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Color

Hex(6D4787)

Conversions

Conversions Part 1

Format	Color
Hex	6D4787
RGB	109, 71, 135
RGB Percent	43%, 28%, 53%
CMY	0.5725, 0.7216, 0.4706
CMYK	0.19, 0.47, 0.00, 0.47
HSL	276°, 31%, 40%
HSV	276°, 47%, 53%
XYZ	12.9331, 9.5070, 24.0750
YIQ	89.6580, 2.1040, 27.9600

Conversions

Conversions Part 2

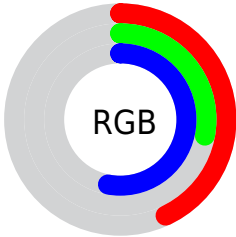
Format	Color
R_{YB}	109, 71, 135
Decimal	7161735
CIE _{Lab}	36.94, 28.97, -29.66
CIE _{LCh}	37, 41.461, 314.329
Yxy	9.5070, 0.2780, 0.2044
Android (android.graphics.Color)	4285351815 (0xFF6D4787)
YUV	89.6580, 22.3536, 16.9629
Hunter-Lab	30.8334, 20.9137, -24.7110

Details

The Hex color **6D4787** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **618747**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A278BD**, and **3B1955** is the 20% darker color. If you saturate the color by 10%, you get **683A87**, and if you desaturate by 10%, it is **725587**.

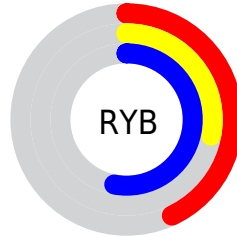
Distribution



Red (43%)

Green (28%)

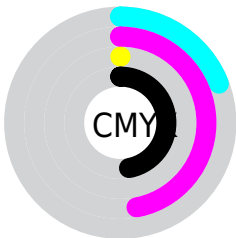
Blue (53%)



Red (43%)

Yellow (28%)

Blue (53%)

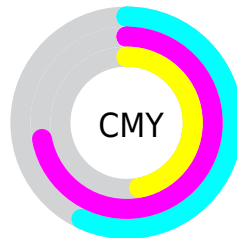


Cyan (19%)

Magenta (47%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (72%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4787 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 6D4787 by changing the saturation by 10% instead.

6D4787

6D4787

FFFFFF

54306D

A278BD

3B1955

BD92D9

23033D

DAADF5

0A0027

F6C9FF

000110

FFE5FF

000000

6D4787

6D4787

683A87

725587

622C87

786287

■ 5D1F87

■ 7D7087

■ 571187

■ 837D87

■ 520387

■ 888B87

■ 500087

■ 8E9887

■ 93A687

■ 99B387

■ 9EC187

Harmonies

Analogous

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



345598



6D4787



8A3A6A

Triad

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



6D4787



764F12



006766

Complementary

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



6D4787



618747

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.



006644



6D4787



595A0D

Square

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



6D4787



8B412A



336224



006585

Rectangle

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



6D4787



933753



336224



00675B

Sweetspot

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



6D4787



A697B0



476287



534A59



D9D9D9



595959

Same Dimension

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



6D4787



874CB0



874782



403C42



4D0082



020003

Inverse Universe

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



874761



B04C74



47874C



423C3E



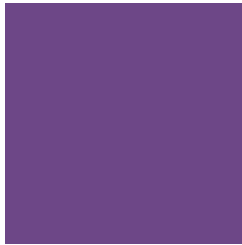
820035



030001

Previews

White Background



This preview shows how the Hex color 6D4787 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

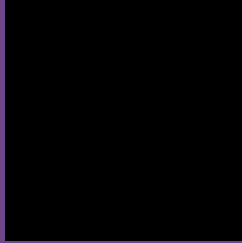
Any Text WCAG AA × Fail

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 6D4787 Background



This preview shows how black text looks on a background with the Hex color 6D4787.



This preview shows how white text looks on a background with the Hex color 6D4787.

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
6D4787

Protanopia
3D5594

Deuteranopia
425784



Tritanopia
655258

Trichromacy



Original Color
6D4787

Protanomaly
4E508F

Deuteranomaly
525185

Tritanomaly
684E69

Monochromacy



Original Color
6D4787

Achromatopsia
5A5A5A

Achromatomaly
61536A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4787 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 #6D4787 looks like.

```
.text, #text, p{  
    color:#6D4787  
}
```

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 #6D4787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4787
}
```

Border

The CSS property to change the border of an element to Hex 6D4787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

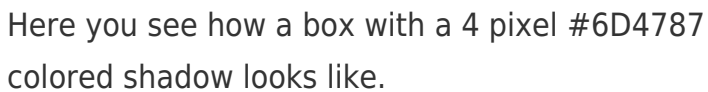
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4787 }
```

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

```
.border{ border-color:#6D4787 }
```

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



Here you see how a box with a 4 pixel #6D4787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4787; -webkit-box-shadow:4px 4px  
4px 4px #6D4787; box-shadow:4px 4px 4px  
4px #6D4787 }
```

Background

The CSS property to change the background color of an element to Hex 6D4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4787 }
```

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

```
.background{ background-color:#6D4787 }
```

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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