

Converting Colors

Hex(6D4B8E)

Have a look what the booklet for
Hex(6D4B8E) contains.

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Color

Hex(6D4B8E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 6D4B8E |
| RGB | 109, 75, 142 |
| RGB Percent | 43%, 29%, 56% |
| CMY | 0.5725, 0.7059, 0.4431 |
| CMYK | 0.23, 0.47, 0.00, 0.44 |
| HSL | 270°, 31%, 43% |
| HSV | 270°, 47%, 56% |
| XYZ | 13.7052, 10.2364, 26.8447 |
| YIQ | 92.8040, -1.2430, 28.0450 |

Conversions

Conversions Part 2

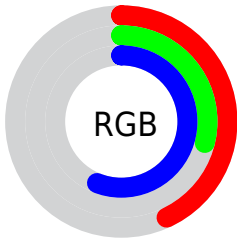
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 109, 75, 142 |
| Decimal | 7162766 |
| CIE _{Lab} | 38.26, 28.30, -31.85 |
| CIE _{LCh} | 38, 42.607, 311.619 |
| Yxy | 10.2364, 0.2699, 0.2016 |
| Android (android.graphics.Color) | 4285352846 (0xFF6D4B8E) |
| YUV | 92.8040, 24.2536, 14.2039 |
| Hunter-Lab | 31.9943, 20.4731, -27.3509 |

Details

The Hex color **6D4B8E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6C8E4B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A27DC4**, and **3B1D5B** is the 20% darker color. If you saturate the color by 10%, you get **663D8E**, and if you desaturate by 10%, it is **74598E**.

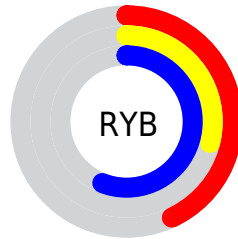
Distribution



Red (43%)

Green (29%)

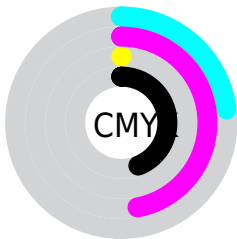
Blue (56%)



Red (43%)

Yellow (29%)

Blue (56%)

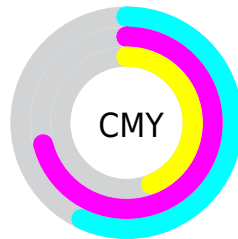


Cyan (23%)

Magenta (47%)

Yellow (0%)

Black (44%)



Cyan (57%)

Magenta (71%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D4B8E 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 6D4B8E by changing the saturation by 10% instead.

6D4B8E

6D4B8E

FFFFFF

543474

A27DC4

3B1D5B

BE97E0

230743

DAB2FD

0E002D

F7CDFF

000117

FFEAFF

000000

6D4B8E

6D4B8E

663D8E

74598E

5F2F8E

7B678E

58208E

82768E

51128E

89848E

4A048E

90928E

48008E

97A08E

9EAE8E

A5BD8E

ACCB8E

Harmonies

Analogous

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



2D599E



6D4B8E



8D3D71

Triad

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



6D4B8E



7D5114



006B67

Complementary

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



6D4B8E



6C8E4B

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.



006943



6D4B8E



5F5D0D

Square

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



6D4B8E



92432E



396523



006987

Rectangle

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



6D4B8E



97395A



396523



006A5B

Sweetspot

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



6D4B8E



AB9EB8



4B6D8E



544C5C



DBDBDB



5C5C5C

Same Dimension

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



6D4B8E



844FB8



8E4B8E



444047



450087



040008

Inverse Universe

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



8E4B6C



B84F82



4B8E4B



474044



870043



080004

Previews

White Background



This preview shows how the Hex color 6D4B8E looks on a white background.

Color Contrast Check

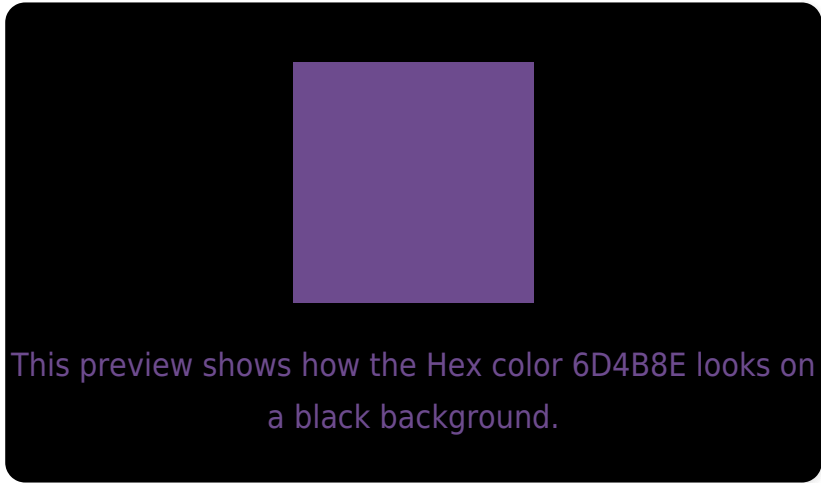
Large Text (above 18pt) WCAG AA ✓ Pass

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

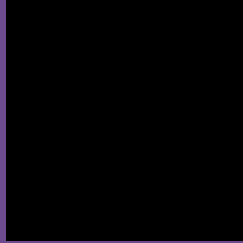
Any Text WCAG AA × Fail

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 6D4B8E Background



This preview shows how black text looks on a background with the Hex color 6D4B8E.



This preview shows how white text looks on a background with the Hex color 6D4B8E.

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
6D4B8E

Protanopia
3E589A

Deuteranopia
425A8B



Tritanopia
65565D

Trichromacy



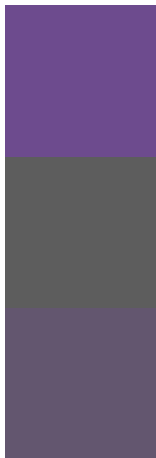
Original Color
6D4B8E

Protanomaly
4F5396

Deuteranomaly
52558C

Tritanomaly
68526F

Monochromacy



Original Color
6D4B8E

Achromatopsia
5D5D5D

Achromatomaly
63566F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D4B8E 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 #6D4B8E looks like.

```
.text, #text, p{  
    color:#6D4B8E  
}
```

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 #6D4B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D4B8E
}
```

Border

The CSS property to change the border of an element to Hex 6D4B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

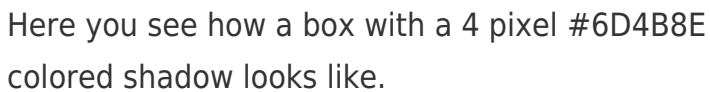
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D4B8E }
```

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

```
.border{ border-color:#6D4B8E }
```

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



Here you see how a box with a 4 pixel #6D4B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D4B8E; -webkit-box-shadow:4px 4px  
4px 4px #6D4B8E; box-shadow:4px 4px 4px  
4px #6D4B8E }
```

Background

The CSS property to change the background color of an element to Hex 6D4B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D4B8E }
```

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

```
.background{ background-color:#6D4B8E }
```

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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