

Converting Colors

Hex(6B4776)

Have a look what the booklet for
Hex(6B4776) contains.

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Color

Hex(6B4776)

Conversions

Conversions Part 1

Format	Color
Hex	6B4776
RGB	107, 71, 118
RGB Percent	42%, 28%, 46%
CMY	0.5804, 0.7216, 0.5373
CMYK	0.09, 0.40, 0.00, 0.54
HSL	286°, 25%, 37%
HSV	286°, 40%, 46%
XYZ	11.5867, 8.9403, 18.2545
YIQ	87.1220, 6.3690, 22.2490

Conversions

Conversions Part 2

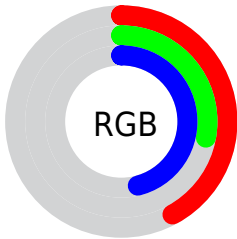
Format	Color
R_{YB}	107, 71, 118
Decimal	7030646
CIE _{Lab}	35.87, 24.35, -20.85
CIE _{LCh}	36, 32.054, 319.421
Yxy	8.9403, 0.2988, 0.2305
Android (android.graphics.Color)	4285220726 (0xFF6B4776)
YUV	87.1220, 15.2229, 17.4330
Hunter-Lab	29.9003, 16.8449, -15.2671

Details

The Hex color **6B4776** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **527647**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9F78AA**, and **3A1A45** is the 20% darker color. If you saturate the color by 10%, you get **683B76**, and if you desaturate by 10%, it is **6E5376**.

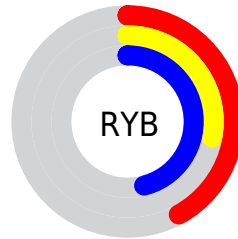
Distribution



Red (42%)

Green (28%)

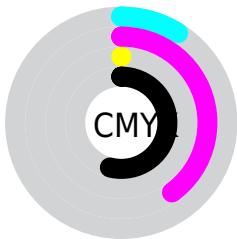
Blue (46%)



Red (42%)

Yellow (28%)

Blue (46%)

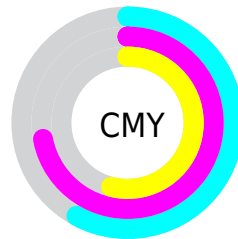


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4776 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 6B4776 by changing the saturation by 10% instead.

6B4776

6B4776

FFFFFF

52305D

9F78AA

3A1A45

BA92C6

24032F

D6ADE2

01001A

F3C8FE

000000

FFE5FF

6B4776

6B4776

683B76

6E5376

652F76

715F76

632476

736A76

601876

767676

5D0C76

798276

5A0076

7C8E76

7E9A76

81A576

84B176

Harmonies

Analogous

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



475185



6B4776



7F3F5F

Triad

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



6B4776



6B5021



006165

Complementary

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



6B4776



527647

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.



00614A



6B4776



535822

Square

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



6B4776



7D462E



355E32



005F7B

Rectangle

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



6B4776



843E4D



355E32



00615C

Sweetspot

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



6B4776



958799



475376



4A424D



CCCCCC



4D4D4D

Same Dimension

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



6B4776



885099



76476A



39353B



5E007A



BF00FA

Inverse Universe

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



764752



995061



477653



3B3536



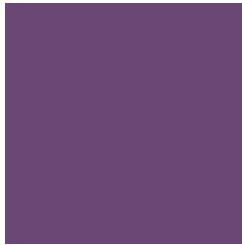
7A001D



FA003A

Previews

White Background



This preview shows how the Hex color 6B4776 looks on a white background.

Color Contrast Check

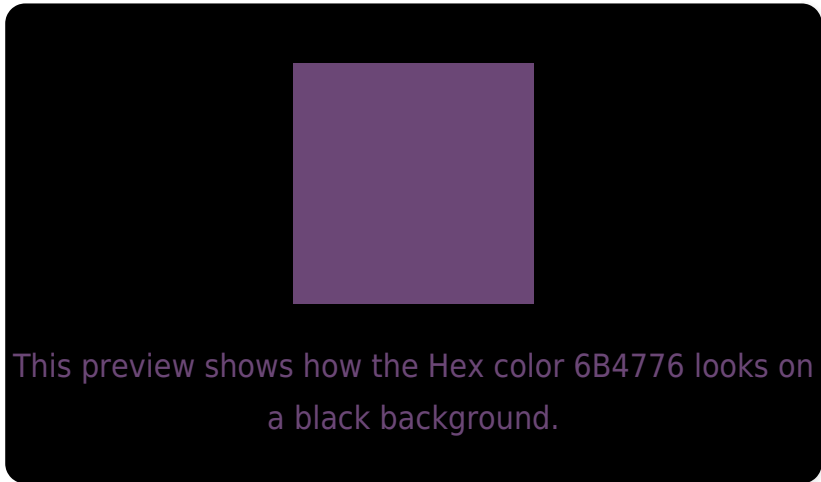
Large Text (above 18pt) WCAG AA ✓ Pass

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

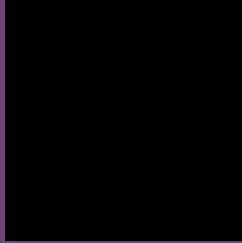
Any Text WCAG AA × Fail

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 6B4776 Background



This preview shows how black text looks on a background with the Hex color 6B4776.



This preview shows how white text looks on a background with the Hex color 6B4776.

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
6B4776

Protanopia
455380

Deuteranopia
4B5474



Tritanopia
664E54

Trichromacy



Original Color
6B4776

Protanomaly
534F7C

Deuteranomaly
574F75

Tritanomaly
684B60

Monochromacy



Original Color
6B4776

Achromatopsia
575757

Achromatomaly
5E5162

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4776 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 #6B4776 looks like.

```
.text, #text, p{  
    color:#6B4776  
}
```

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 #6B4776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4776
}
```

Border

The CSS property to change the border of an element to Hex 6B4776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

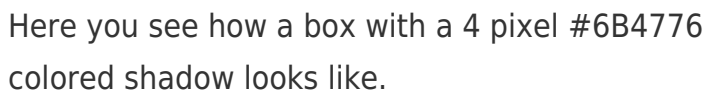
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4776 }
```

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

```
.border{ border-color:#6B4776 }
```

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



Here you see how a box with a 4 pixel #6B4776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4776; -webkit-box-shadow:4px 4px  
4px 4px #6B4776; box-shadow:4px 4px 4px  
4px #6B4776 }
```

Background

The CSS property to change the background color of an element to Hex 6B4776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4776 }
```

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

```
.background{ background-color:#6B4776 }
```

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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