

Converting Colors

Hex(6B4771)

Have a look what the booklet for
Hex(6B4771) contains.

Hex(6B4771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B4771)

Conversions

Conversions Part 1

Format	Color
Hex	6B4771
RGB	107, 71, 113
RGB Percent	42%, 28%, 44%
CMY	0.5804, 0.7216, 0.5569
CMYK	0.05, 0.37, 0.00, 0.56
HSL	291°, 23%, 36%
HSV	291°, 37%, 44%
XYZ	11.2973, 8.8245, 16.7307
YIQ	86.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

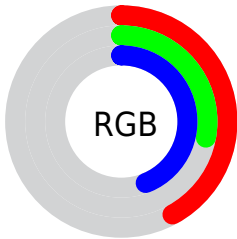
Format	Color
R_{YB}	107, 71, 113
Decimal	7030641
CIE Lab	35.64, 23.23, -18.08
CIE LCh	36, 29.440, 322.109
Yxy	8.8245, 0.3066, 0.2395
Android (android.graphics.Color)	4285220721 (0xFF6B4771)
YUV	86.5520, 13.0389, 17.9329
Hunter-Lab	29.7061, 15.8981, -12.5982

Details

The Hex color **6B4771** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4D7147**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9F78A5**, and **3A1A41** is the 20% darker color. If you saturate the color by 10%, you get **693C71**, and if you desaturate by 10%, it is **6D5271**.

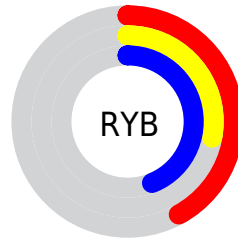
Distribution



Red (42%)

Green (28%)

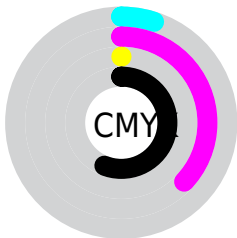
Blue (44%)



Red (42%)

Yellow (28%)

Blue (44%)

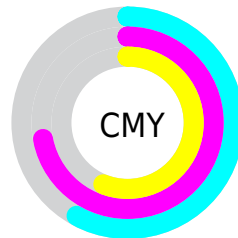


Cyan (5%)

Magenta (37%)

Yellow (0%)

Black (56%)



Cyan (58%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4771 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 6B4771 by changing the saturation by 10% instead.

6B4771

6B4771

FFFFFF

523058

9F78A5

3A1A41

BA92C0

24032B

D6ADDC

000016

F3C8F9

000000

FFE4FF

6B4771

6B4771

693C71

6D5271

683071

6E5E71

662571

706971

651A71

717471

630F71

738071

610371

758B71

610071

769671

78A171

7AAD71

Harmonies

Analogous

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



4C507F



6B4771



7C415B

Triad

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



6B4771



675024



006065

Complementary

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



6B4771



4D7147

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.



035F4D



6B4771



515827

Square

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



6B4771



78482F



355D36



005D78

Rectangle

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



6B4771



80404B



355D36



00605D

Sweetspot

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



6B4771



928494



474D71



49404A



C9C9C9



4A4A4A

Same Dimension

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



6B4771



8A5194



714762



373238



670078



D400F7

Inverse Universe

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



71474D



94515B



477156



383233



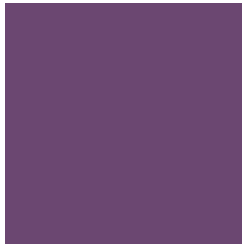
780011



F70023

Previews

White Background



This preview shows how the Hex color 6B4771 looks on a white background.

Color Contrast Check

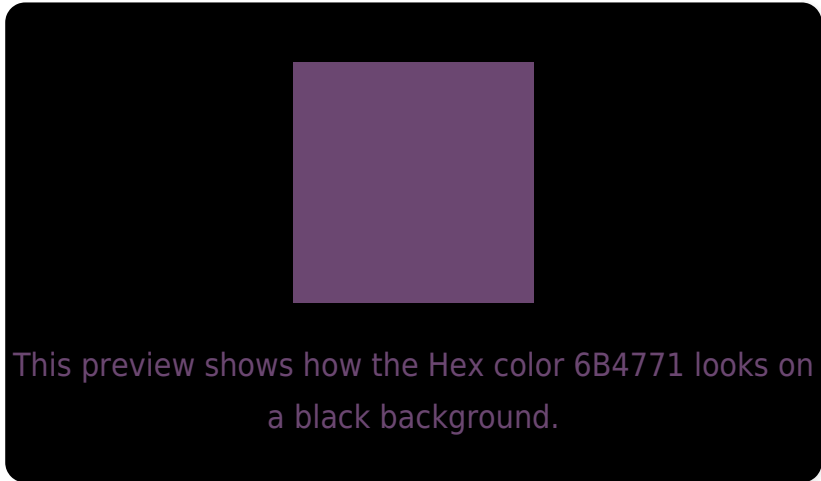
Large Text (above 18pt) WCAG AA ✓ Pass

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

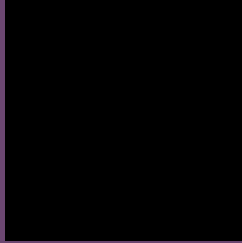
Any Text WCAG AA × Fail

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 6B4771 Background



This preview shows how black text looks on a background with the Hex color 6B4771.



This preview shows how white text looks on a background with the Hex color 6B4771.

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
6B4771

Protanopia
47537A

Deuteranopia
4E536F



Tritanopia
674D53

Trichromacy



Original Color
6B4771

Protanomaly
544F77

Deuteranomaly
594F70

Tritanomaly
684B5E

Monochromacy



Original Color
6B4771

Achromatopsia
575757

Achromatomaly
5E5160

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4771 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 #6B4771 looks like.

```
.text, #text, p{  
    color:#6B4771  
}
```

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 #6B4771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4771
}
```

Border

The CSS property to change the border of an element to Hex 6B4771 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
#6B4771 }
```

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

```
.border{ border-color:#6B4771 }
```

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

Here you see how a box with a 4 pixel #6B4771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4771; -webkit-box-shadow:4px 4px  
4px 4px #6B4771; box-shadow:4px 4px 4px  
4px #6B4771 }
```

Background

The CSS property to change the background color of an element to Hex 6B4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4771 }
```

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

```
.background{ background-color:#6B4771 }
```

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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