

Converting Colors

Hex(6B5169)

Have a look what the booklet for
Hex(6B5169) contains.

Hex(6B5169)	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(6B5169)

Conversions

Conversions Part 1

Format	Color
Hex	6B5169
RGB	107, 81, 105
RGB Percent	42%, 32%, 41%
CMY	0.5804, 0.6824, 0.5882
CMYK	0.00, 0.24, 0.02, 0.58
HSL	305°, 14%, 37%
HSV	305°, 24%, 42%
XYZ	11.5556, 10.0306, 14.6916
YIQ	91.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

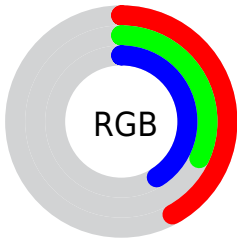
Format	Color
R _Y B	107, 81, 105
Decimal	7033193
CIE Lab	37.90, 15.38, -9.65
CIE LCh	38, 18.161, 327.885
Yxy	10.0306, 0.3185, 0.2765
Android (android.graphics.Color)	4285223273 (0xFF6B5169)
YUV	91.5100, 6.6506, 13.5847
Hunter-Lab	31.6711, 9.7038, -5.3338

Details

The Hex color **6B5169** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **516B53**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9F839C**, and **3B243A** is the 20% darker color. If you saturate the color by 10%, you get **6B4668**, and if you desaturate by 10%, it is **6B5C6A**.

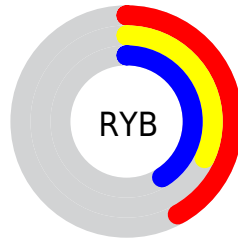
Distribution



Red (42%)

Green (32%)

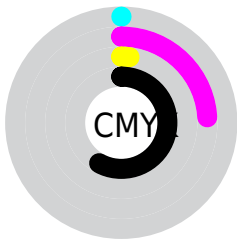
Blue (41%)



Red (42%)

Yellow (32%)

Blue (41%)

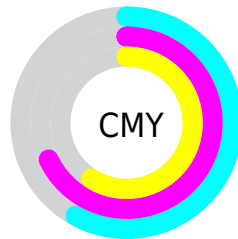


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (58%)



Cyan (58%)

Magenta (68%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5169 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 6B5169 by changing the saturation by 10% instead.



6B5169



6B5169

FFFFFF



533A51



9F839C



3B243A



BA9DB7



250F24



D6B8D3



0A000E



F2D3EF



000000



FFF0FF



6B5169



6B5169



6B4668



6B5C6A



6B3C67



6B666B

6B3167

6B716B

6B2666

6B7C6C

6B1B65

6B876D

6B1164

6B916E

6B0663

6B9C6F

6B0063

6BA770

6BB170

Harmonies

Analogous

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



5A5673



6B5169



754E5B

Triad

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



6B5169



65583C



2B6166

Complementary

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



6B5169



516B53

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.



346158



6B5169



555C3F

Square

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



6B5169



705341



446049



325F72

Rectangle

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



6B5169



774F51



446049



2D6162

Sweetspot

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



6B5169



8C828B



53516B



474247



C7C7C7



474747

Same Dimension

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



6B5169



8C6489



6B515C



363035



75006C



F500E2

Inverse Universe

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



6B5169



8C6489



516B60



363035



75006C



F500E2

Previews

White Background



This preview shows how the Hex color 6B5169 looks on a white background.

Color Contrast Check

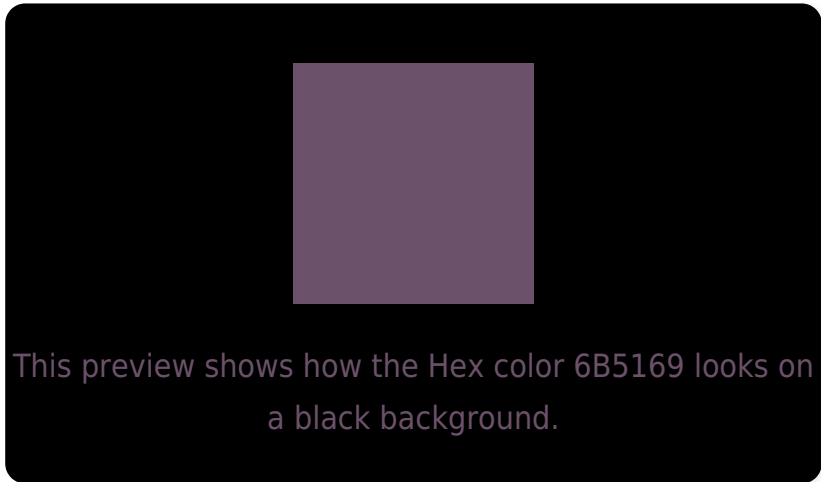
Large Text (above 18pt) WCAG AA ✓ Pass

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

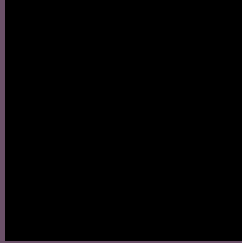
Any Text WCAG AA × Fail

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 6B5169 Background



This preview shows how black text looks on a background with the Hex color 6B5169.



This preview shows how white text looks on a background with the Hex color 6B5169.

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
6B5169

Protanopia
54596E

Deuteranopia
5B5768



Tritanopia
69545A

Trichromacy



Original Color
6B5169

Protanomaly
5C566C

Deuteranomaly
615568

Tritanomaly
6A535F

Monochromacy



Original Color
6B5169

Achromatopsia
5C5C5C

Achromatomaly
615861

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5169 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 #6B5169 looks like.

```
.text, #text, p{  
    color:#6B5169  
}
```

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 #6B5169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5169
}
```

Border

The CSS property to change the border of an element to Hex 6B5169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

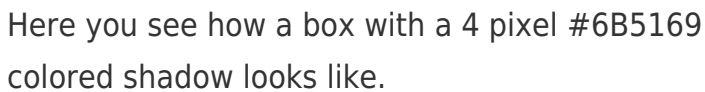
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5169 }
```

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

```
.border{ border-color:#6B5169 }
```

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



Here you see how a box with a 4 pixel #6B5169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5169; -webkit-box-shadow:4px 4px  
4px 4px #6B5169; box-shadow:4px 4px 4px  
4px #6B5169 }
```

Background

The CSS property to change the background color of an element to Hex 6B5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5169 }
```

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

```
.background{ background-color:#6B5169 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor