

Converting Colors

Hex(6B4570)

Have a look what the booklet for
Hex(6B4570) contains.

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Color

Hex(6B4570)

Conversions

Conversions Part 1

Format	Color
Hex	6B4570
RGB	107, 69, 112
RGB Percent	42%, 27%, 44%
CMY	0.5804, 0.7294, 0.5608
CMYK	0.04, 0.38, 0.00, 0.56
HSL	293°, 24%, 35%
HSV	293°, 38%, 44%
XYZ	11.1162, 8.5519, 16.3940
YIQ	85.2640, 8.8450, 21.4290

Conversions

Conversions Part 2

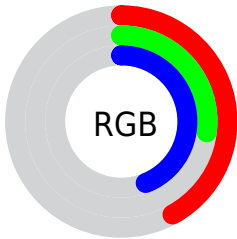
Format	Color
R _Y B	107, 69, 112
Decimal	7030128
CIE Lab	35.11, 24.23, -18.28
CIE LCh	35, 30.354, 322.960
Yxy	8.5519, 0.3083, 0.2371
Android (android.graphics.Color)	4285220208 (0xFF6B4570)
YUV	85.2640, 13.1808, 19.0625
Hunter-Lab	29.2436, 16.6755, -12.7675

Details

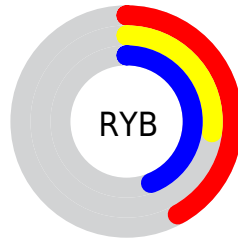
The Hex color **6B4570** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A7045**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9F76A4**, and **3A1840** is the 20% darker color. If you saturate the color by 10%, you get **6A3A70**, and if you desaturate by 10%, it is **6C5070**.

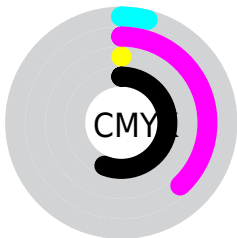
Distribution



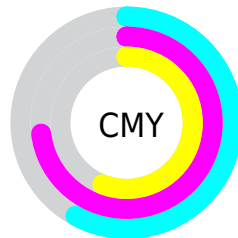
- Red (42%)
- Green (27%)
- Blue (44%)



- Red (42%)
- Yellow (27%)
- Blue (44%)



- Cyan (4%)
- Magenta (38%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (73%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4570 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 6B4570 by changing the saturation by 10% instead.

 6B4570

 6B4570

FFFFFF

 522E57

 9F76A4

 3A1840

 BA90BF

 24012A

 D6ABDB

 000015

 F3C6F7

 000000

 FFE2FF

 6B4570

 6B4570

 6A3A70

 6C5070

 682F70

 6E5B70

672370

6F6770

661870

707270

640D70

727D70

630270

738870

630070

749370

759F70

77AA70

Harmonies

Analogous

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



4B4E7F



6B4570



7C3F59

Triad

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



6B4570



664F21



005F65

Complementary

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



6B4570



4A7045

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.



005E4C



6B4570



4E5724

Square

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



6B4570



77462D



315C34



005C79

Rectangle

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



6B4570



803E49



315C34



005F5D

Sweetspot

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



6B4570



8F8091



454A70



49404A



C9C9C9



4A4A4A

Same Dimension

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



6B4570



8A4E91



704560



373238



6A0078



DB00F7

Inverse Universe

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



70454A



914E56



457055



383233



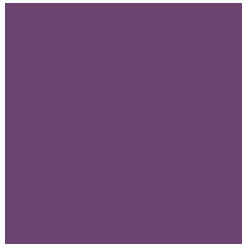
78000E



F7001D

Previews

White Background



This preview shows how the Hex color 6B4570 looks on a white background.

Color Contrast Check

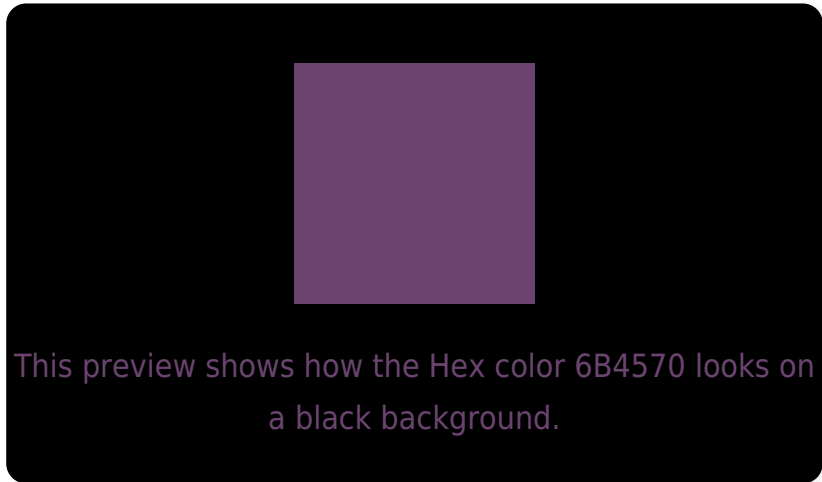
Large Text (above 18pt) WCAG AA ✓ Pass

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

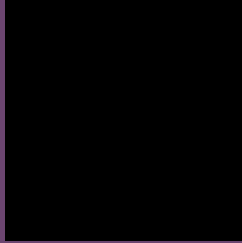
Any Text WCAG AA × Fail

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 6B4570 Background



This preview shows how black text looks on a background with the Hex color 6B4570.



This preview shows how white text looks on a background with the Hex color 6B4570.

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
6B4570

Protanopia
45527A

Deuteranopia
4C526E



Tritanopia
674B51

Trichromacy



Original Color
6B4570

Protanomaly
534D76

Deuteranomaly
574D6F

Tritanomaly
68495C

Monochromacy



Original Color
6B4570

Achromatopsia
555555

Achromatomaly
5D4F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4570 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 #6B4570 looks like.

```
.text, #text, p{  
    color:#6B4570  
}
```

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 #6B4570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4570
}
```

Border

The CSS property to change the border of an element to Hex 6B4570 is called "border". The border property can be set on classes, ids or directly on the HTML element.

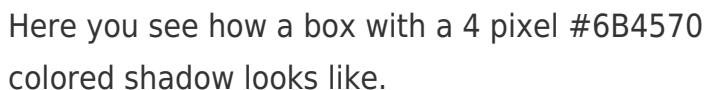
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4570 }
```

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

```
.border{ border-color:#6B4570 }
```

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



Here you see how a box with a 4 pixel #6B4570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4570; -webkit-box-shadow:4px 4px  
4px 4px #6B4570; box-shadow:4px 4px 4px  
4px #6B4570 }
```

Background

The CSS property to change the background color of an element to Hex 6B4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4570 }
```

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

```
.background{ background-color:#6B4570 }
```

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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