

Converting Colors

Hex(6A4E74)

Have a look what the booklet for
Hex(6A4E74) contains.

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Color

Hex(6A4E74)

Conversions

Conversions Part 1

Format	Color
Hex	6A4E74
RGB	106, 78, 116
RGB Percent	42%, 31%, 45%
CMY	0.5843, 0.6941, 0.5451
CMYK	0.09, 0.33, 0.00, 0.55
HSL	284°, 20%, 38%
HSV	284°, 33%, 45%
XYZ	11.8206, 9.7739, 17.7865
YIQ	90.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

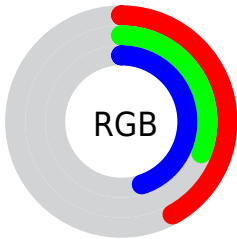
Format	Color
RYB	106, 78, 116
Decimal	6966900
CIELab	37.43, 19.26, -17.20
CIElCh	37, 25.824, 318.228
Yxy	9.7739, 0.3002, 0.2482
Android (android.graphics.Color)	4285156980 (0xFF6A4E74)
YUV	90.7040, 12.4709, 13.4146
Hunter-Lab	31.2632, 12.7802, -11.8475

Details

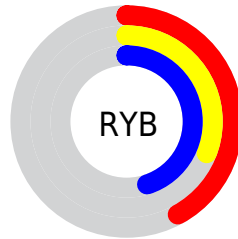
The Hex color **6A4E74** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **58744E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9E7FA8**, and **3A2144** is the 20% darker color. If you saturate the color by 10%, you get **674274**, and if you desaturate by 10%, it is **6D5A74**.

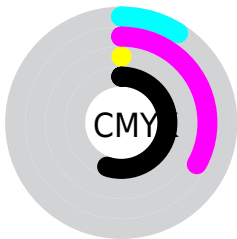
Distribution



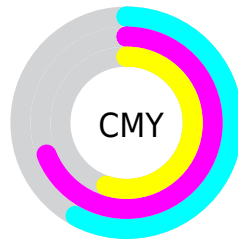
- Red (42%)
- Green (31%)
- Blue (45%)



- Red (42%)
- Yellow (31%)
- Blue (45%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4E74 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 6A4E74 by changing the saturation by 10% instead.

6A4E74

6A4E74

FFFFFF

51375B

9E7FA8

3A2144

B99AC3

240C2D

D5B4DF

070019

F1D0FC

000000

FFECFF

6A4E74

6A4E74

674274

6D5A74

643774

706574

612B74

737174

5E2074

767C74

5B1474

798874

580874

7C9474

550074

7F9F74

82AB74

85B674

Harmonies

Analogous

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



4E5680



6A4E74



7B4861

Triad

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



6A4E74



6D542F



006364

Complementary

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



6A4E74



58744E

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.



24634F



6A4E74



595B30

Square

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



6A4E74



7B4D3A



41603C



006177

Rectangle

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



6A4E74



804753



41603C



05635D

Sweetspot

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



6A4E74



928796



4E5874



4A434D



CCCCCC



4D4D4D

Same Dimension

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



6A4E74



875C96



744E6B



39353B



5A007A



B800FA

Inverse Universe

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



744E58



965C6B



4E7457



3B3536



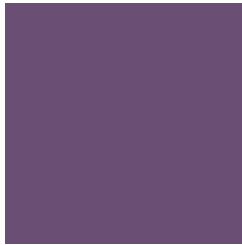
7A0020



FA0042

Previews

White Background



This preview shows how the Hex color 6A4E74 looks on a white background.

Color Contrast Check

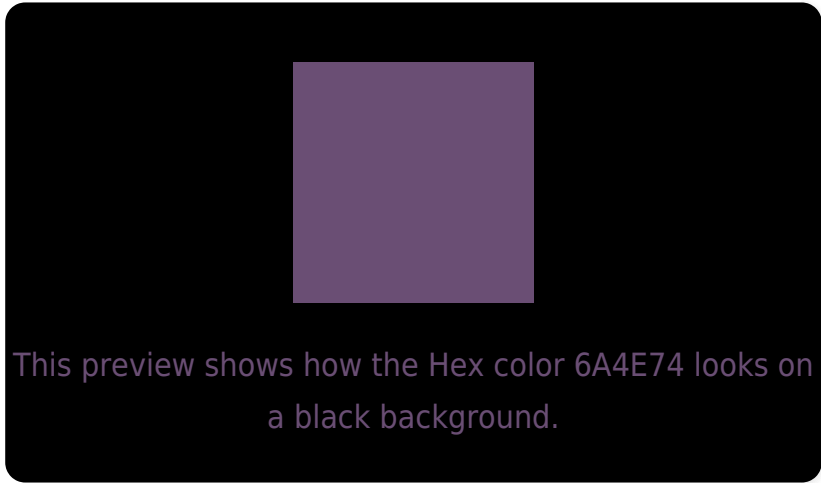
Large Text (above 18pt) WCAG AA ✓ Pass

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

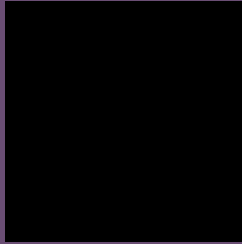
Any Text WCAG AA × Fail

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 6A4E74 Background



This preview shows how black text looks on a background with the Hex color 6A4E74.



This preview shows how white text looks on a background with the Hex color 6A4E74.

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
6A4E74

Protanopia
4D577B

Deuteranopia
535772



Tritanopia
66535A

Trichromacy



Original Color
6A4E74

Protanomaly
585478

Deuteranomaly
5B5473

Tritanomaly
675163

Monochromacy



Original Color
6A4E74

Achromatopsia
5B5B5B

Achromatomaly
605664

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4E74 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 #6A4E74 looks like.

```
.text, #text, p{  
    color:#6A4E74  
}
```

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 #6A4E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4E74  
}
```

Border

The CSS property to change the border of an element to Hex 6A4E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

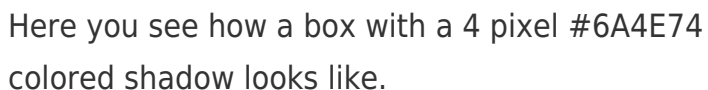
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A4E74 }
```

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

```
.border{ border-color:#6A4E74 }
```

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



Here you see how a box with a 4 pixel #6A4E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4E74; -webkit-box-shadow:4px 4px  
4px 4px #6A4E74; box-shadow:4px 4px 4px  
4px #6A4E74 }
```

Background

The CSS property to change the background color of an element to Hex 6A4E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4E74 }
```

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

```
.background{ background-color:#6A4E74 }
```

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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