

Converting Colors

Hex(6A4370)

Have a look what the booklet for
Hex(6A4370) contains.

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Color

Hex(6A4370)

Conversions

Conversions Part 1

Format	Color
Hex	6A4370
RGB	106, 67, 112
RGB Percent	42%, 26%, 44%
CMY	0.5843, 0.7373, 0.5608
CMYK	0.05, 0.40, 0.00, 0.56
HSL	292°, 25%, 35%
HSV	292°, 40%, 44%
XYZ	10.8756, 8.2483, 16.3481
YIQ	83.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

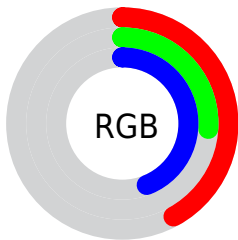
Format	Color
R_{YB}	106, 67, 112
Decimal	6964080
CIE _{Lab}	34.49, 25.09, -19.24
CIE _{LCh}	34, 31.618, 322.518
Yxy	8.2483, 0.3066, 0.2325
Android (android.graphics.Color)	4285154160 (0xFF6A4370)
YUV	83.7910, 13.9070, 19.4773
Hunter-Lab	28.7199, 17.3345, -13.6455

Details

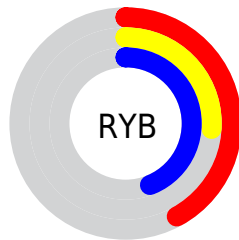
The Hex color **6A4370** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497043**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **9E74A4**, and **391640** is the 20% darker color. If you saturate the color by 10%, you get **693870**, and if you desaturate by 10%, it is **6B4E70**.

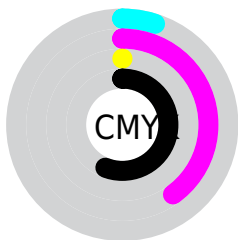
Distribution



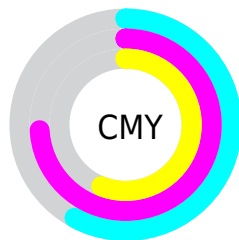
- Red (42%)
- Green (26%)
- Blue (44%)



- Red (42%)
- Yellow (26%)
- Blue (44%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (74%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4370 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 6A4370 by changing the saturation by 10% instead.

6A4370

6A4370

FFFFFF

512C57

9E74A4

391640

B98EBF

24002A

D5A8DB

000014

F2C4F8

000000

FFE0FF

FFDFDF

6A4370

6A4370

693870

6B4E70

672D70

6D5970

662170

6E6570

641670

707070

630B70

717B70

610070

738670

749170

769D70

77A870

Harmonies

Analogous

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



484D80



6A4370



7C3C59

Triad

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



6A4370



654E1E



005E64

Complementary

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



6A4370



497043

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.



005D4A



6A4370



4D5520

Square

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



6A4370



77442A



2F5B31



005B78

Rectangle

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



6A4370



803C48



2F5B31



005E5B

Sweetspot

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



6A4370



8F8091



434970



49404A



C9C9C9



4A4A4A

Same Dimension

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



6A4370



884C91



70435F



373238



680078



D600F7

Inverse Universe

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



704349



914C55



437054



383233



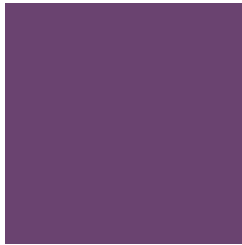
780010



F70021

Previews

White Background



This preview shows how the Hex color 6A4370 looks on a white background.

Color Contrast Check

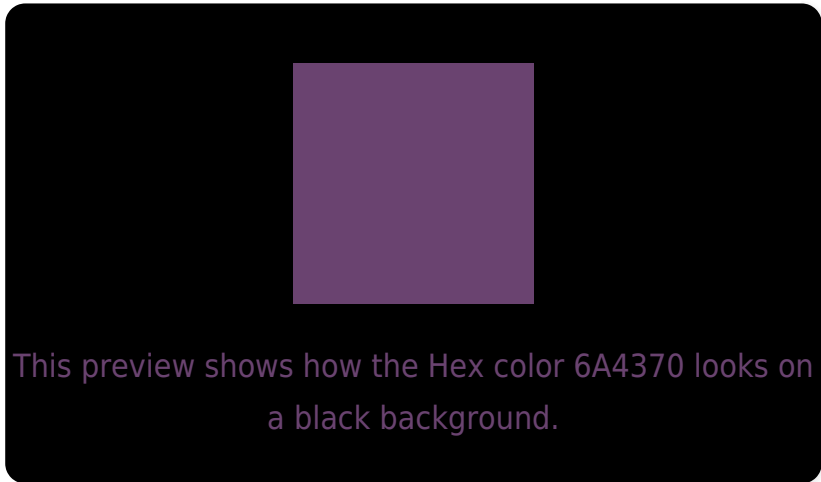
Large Text (above 18pt) WCAG AA ✓ Pass

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

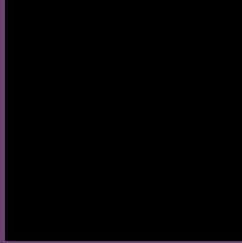
Any Text WCAG AA × Fail

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 6A4370 Background



This preview shows how black text looks on a background with the Hex color 6A4370.



This preview shows how white text looks on a background with the Hex color 6A4370.

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
6A4370

Protanopia
43507B

Deuteranopia
4A506D



Tritanopia
664A50

Trichromacy



Original Color
6A4370

Protanomaly
514B77

Deuteranomaly
564B6E

Tritanomaly
67475C

Monochromacy



Original Color
6A4370

Achromatopsia
545454

Achromatomaly
5C4E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4370 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 #6A4370 looks like.

```
.text, #text, p{  
    color:#6A4370  
}
```

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 #6A4370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4370  
}
```

Border

The CSS property to change the border of an element to Hex 6A4370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

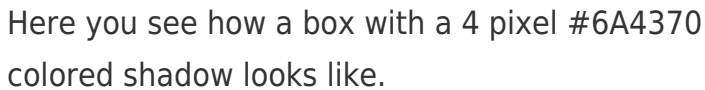
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6A4370 }
```

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

```
.border{ border-color:#6A4370 }
```

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



Here you see how a box with a 4 pixel #6A4370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4370; -webkit-box-shadow:4px 4px  
4px 4px #6A4370; box-shadow:4px 4px 4px  
4px #6A4370 }
```

Background

The CSS property to change the background color of an element to Hex 6A4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4370 }
```

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

```
.background{ background-color:#6A4370 }
```

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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