

Converting Colors

Hex(6A4672)

Have a look what the booklet for
Hex(6A4672) contains.

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Color

Hex(6A4672)

Conversions

Conversions Part 1

Format	Color
Hex	6A4672
RGB	106, 70, 114
RGB Percent	42%, 27%, 45%
CMY	0.5843, 0.7255, 0.5529
CMYK	0.07, 0.39, 0.00, 0.55
HSL	289°, 24%, 36%
HSV	289°, 39%, 45%
XYZ	11.1713, 8.6594, 17.0022
YIQ	85.7800, 7.3320, 21.3160

Conversions

Conversions Part 2

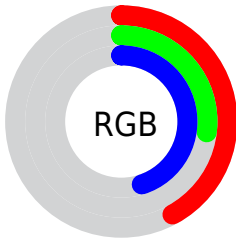
Format	Color
RYB	106, 70, 114
Decimal	6964850
CIELab	35.32, 23.71, -19.22
CIELCh	35, 30.522, 320.980
Yxy	8.6594, 0.3033, 0.2351
Android (android.graphics.Color)	4285154930 (0xFF6A4672)
YUV	85.7800, 13.9125, 17.7329
Hunter-Lab	29.4268, 16.2668, -13.6577

Details

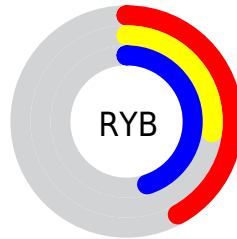
The Hex color **6A4672** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4E7246**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9E77A6**, and **3A1942** is the 20% darker color. If you saturate the color by 10%, you get **683B72**, and if you desaturate by 10%, it is **6C5172**.

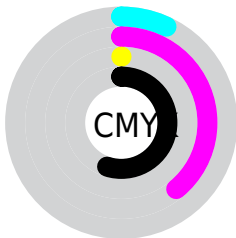
Distribution



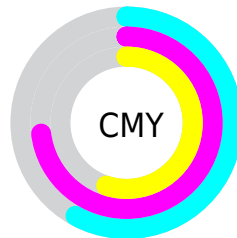
- Red (42%)
- Green (27%)
- Blue (45%)



- Red (42%)
- Yellow (27%)
- Blue (45%)



- Cyan (7%)
- Magenta (39%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (73%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A4672 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 6A4672 by changing the saturation by 10% instead.

6A4672

6A4672

FFFFFF

512F59

9E77A6

3A1942

B991C1

23022C

D5ACDD

000016

F2C7FA

000000

FFE3FF

6A4672

6A4672

683B72

6C5172

662F72

6E5D72

642472

706872

621872

727472

600D72

747F72

5E0272

768A72

5D0072

799672

7BA172

7DAD72

Harmonies

Analogous

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



495081



6A4672



7C3F5B

Triad

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



6A4672



684F22



005F64

Complementary

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



6A4672



4E7246

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.



005F4B



6A4672



515724

Square

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



6A4672



79462E



345C33



005D78

Rectangle

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



6A4672



813E4B



345C33



005F5C

Sweetspot

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



6A4672



918294



464E72



48404A



C9C9C9



4A4A4A

Same Dimension

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



6A4672



885094



724664



373238



620078



CA00F7

Inverse Universe

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



72464E



94505C



467254



383234



780016



F7002D

Previews

White Background



This preview shows how the Hex color 6A4672 looks on a white background.

Color Contrast Check

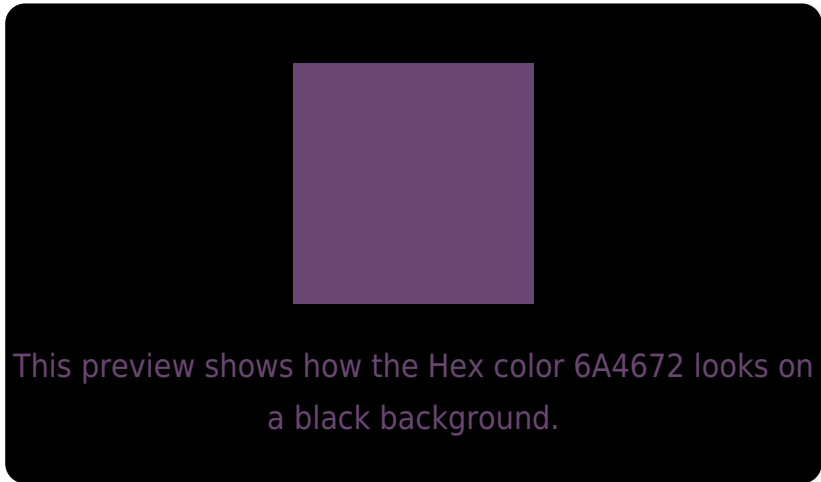
Large Text (above 18pt) WCAG AA ✓ Pass

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

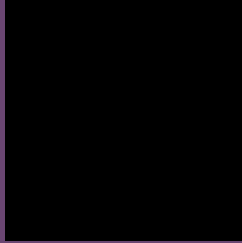
Any Text WCAG AA × Fail

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 6A4672 Background



This preview shows how black text looks on a background with the Hex color 6A4672.



This preview shows how white text looks on a background with the Hex color 6A4672.

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
6A4672

Protanopia
45527C

Deuteranopia
4C5270



Tritanopia
664D53

Trichromacy



Original Color
6A4672

Protanomaly
524E78

Deuteranomaly
574E71

Tritanomaly
674A5E

Monochromacy



Original Color
6A4672

Achromatopsia
565656

Achromatomaly
5D5060

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A4672 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 #6A4672 looks like.

```
.text, #text, p{  
    color:#6A4672  
}
```

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 #6A4672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A4672
}
```

Border

The CSS property to change the border of an element to Hex 6A4672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

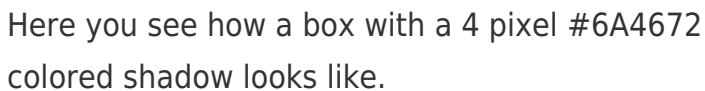
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A4672 }
```

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

```
.border{ border-color:#6A4672 }
```

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



Here you see how a box with a 4 pixel #6A4672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A4672; -webkit-box-shadow:4px 4px  
4px 4px #6A4672; box-shadow:4px 4px 4px  
4px #6A4672 }
```

Background

The CSS property to change the background color of an element to Hex 6A4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A4672 }
```

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

```
.background{ background-color:#6A4672 }
```

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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