

Converting Colors

Hex(67486A)

Have a look what the booklet for
Hex(67486A) contains.

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Color

Hex(67486A)

Conversions

Conversions Part 1

Format	Color
Hex	67486A
RGB	103, 72, 106
RGB Percent	40%, 28%, 42%
CMY	0.5961, 0.7176, 0.5843
CMYK	0.03, 0.32, 0.00, 0.58
HSL	295°, 19%, 35%
HSV	295°, 32%, 42%
XYZ	10.5124, 8.5589, 14.7336
YIQ	85.1450, 7.5620, 17.1460

Conversions

Conversions Part 2

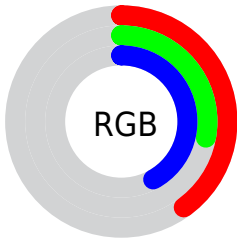
Format	Color
R_{YB}	103, 72, 106
Decimal	6768746
CIE _{Lab}	35.12, 19.66, -14.54
CIE _{LCh}	35, 24.452, 323.514
Yxy	8.5589, 0.3110, 0.2532
Android (android.graphics.Color)	4284958826 (0xFF67486A)
YUV	85.1450, 10.2815, 15.6588
Hunter-Lab	29.2556, 12.9430, -9.3806




Details

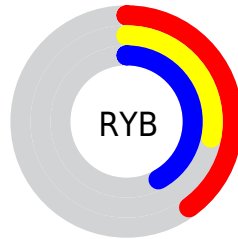
The Hex color **67486A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B6A48**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **9B799D**, and **371B3B** is the 20% darker color. If you saturate the color by 10%, you get **663D6A**, and if you desaturate by 10%, it is **68536A**.

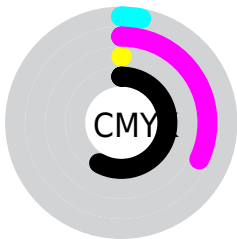
Distribution







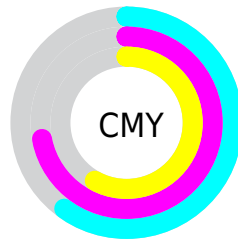
-  Red (40%)
-  Green (28%)
-  Blue (42%)






-  Red (40%)
-  Yellow (28%)
-  Blue (42%)



-  Cyan (3%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (60%)
-  Magenta (72%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67486A 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 67486A by changing the saturation by 10% instead.



67486A



67486A

FFFFFF



4F3152



9B799D



371B3B



B693B8



220525



D1AED4



00010E



EEC9F0



000000



FFE5FF



67486A



67486A



663D6A



68536A



65336A



695D6A

64286A

6A686A

631E6A

6B726A

62136A

6C7D6A

61086A

6D886A

61006A

6E926A

6E9D6A

6FA76A

Harmonies

Analogous

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



4E4F76



67486A



754358

Triad

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



67486A



63502C



005D61

Complementary

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



67486A



4B6A48

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.



1C5D4E



67486A



50562E

Square

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



67486A



714934



395A3B



005A71

Rectangle

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



67486A



78434A



395A3B



005D5B

Sweetspot

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



67486A



887C8A



484B6A



443D45



C4C4C4



454545

Same Dimension

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



67486A



85558A



6A485C



353036



6B0075



DF00F5

Inverse Universe

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



6A484B



8A555A



486A56



363031



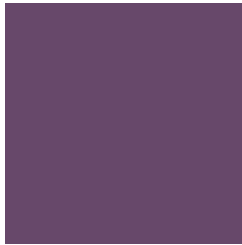
75000A



F50016

Previews

White Background



This preview shows how the Hex color 67486A 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

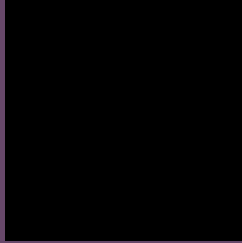
Any Text WCAG AA × Fail

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 67486A Background



This preview shows how black text looks on a background with the Hex color 67486A.



This preview shows how white text looks on a background with the Hex color 67486A.

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
67486A

Protanopia
4A5271

Deuteranopia
505168



Tritanopia
644D53

Trichromacy



Original Color

67486A

Protanomaly

554E6E

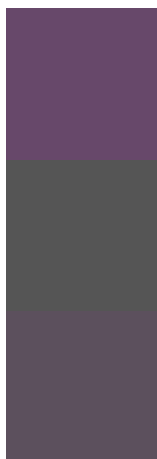
Deuteranomaly

584E69

Tritanomaly

654B5B

Monochromacy



Original Color

67486A

Achromatopsia

555555

Achromatomaly

5C505D

CSS Examples

Text

The CSS property to change the color of the text to Hex 67486A 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 #67486A looks like.

```
.text, #text, p{  
    color:#67486A  
}
```

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 #67486A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67486A
}
```

Border

The CSS property to change the border of an element to Hex 67486A is called "border". The border property can be set on classes, ids or directly on the HTML element.

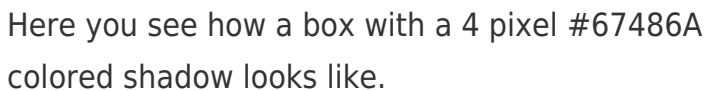
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67486A }
```

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

```
.border{ border-color:#67486A }
```

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



Here you see how a box with a 4 pixel #67486A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67486A; -webkit-box-shadow:4px 4px  
4px 4px #67486A; box-shadow:4px 4px 4px  
4px #67486A }
```

Background

The CSS property to change the background color of an element to Hex 67486A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67486A }
```

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

```
.background{ background-color:#67486A }
```

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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