

Converting Colors

Hex(67456A)

Have a look what the booklet for
Hex(67456A) contains.

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Color

Hex(67456A)

Conversions

Conversions Part 1

Format	Color
Hex	67456A
RGB	103, 69, 106
RGB Percent	40%, 27%, 42%
CMY	0.5961, 0.7294, 0.5843
CMYK	0.03, 0.35, 0.00, 0.58
HSL	295°, 21%, 34%
HSV	295°, 35%, 42%
XYZ	10.3232, 8.1804, 14.6706
YIQ	83.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

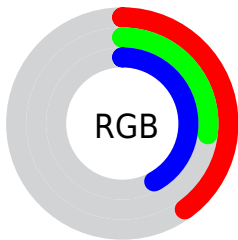
Format	Color
R_{YB}	103, 69, 106
Decimal	6767978
CIE _{Lab}	34.36, 21.51, -15.71
CIE _{LCh}	34, 26.635, 323.851
Yxy	8.1804, 0.3112, 0.2466
Android (android.graphics.Color)	4284958058 (0xFF67456A)
YUV	83.3840, 11.1497, 17.2032
Hunter-Lab	28.6014, 14.3738, -10.3907

Details

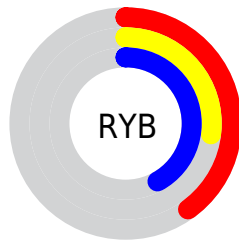
The Hex color **67456A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **486A45**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9B769D**, and **37183B** is the 20% darker color. If you saturate the color by 10%, you get **663A6A**, and if you desaturate by 10%, it is **68506A**.

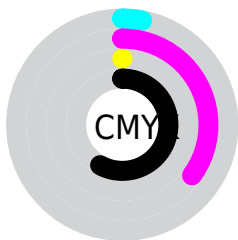
Distribution



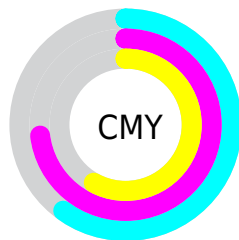
- Red (40%)
- Green (27%)
- Blue (42%)



- Red (40%)
- Yellow (27%)
- Blue (42%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67456A 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 67456A by changing the saturation by 10% instead.



67456A



67456A

FFFFFF



4E2E52



9B769D



37183B



B690B8



220125



D2AAD4



00010E



EEC6F0



000000



FFE2FF



67456A



67456A



663A6A



68506A



65306A



695A6A

64256A

6A656A

641B6A

6A6F6A

63106A

6B7A6A

62056A

6C856A

61006A

6D8F6A

6E9A6A

6FA46A

Harmonies

Analogous

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



4C4D77



67456A



764056

Triad

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



67456A



624E26



005C61

Complementary

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



67456A



486A45

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.



0F5B4C



67456A



4D5529

Square

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



67456A



71462F



345937



005972

Rectangle

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



67456A



794048



345937



005C5A

Sweetspot

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



67456A



897C8A



45486A



443D45



C4C4C4



454545

Same Dimension

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



67456A



85508A



6A455B



353036



6C0075



E100F5

Inverse Universe

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



6A4548



8A5055



456A54



363031



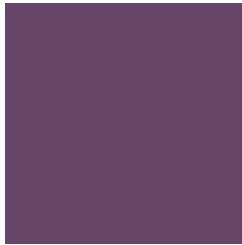
75000A



F50014

Previews

White Background



This preview shows how the Hex color 67456A looks on a white background.

Color Contrast Check

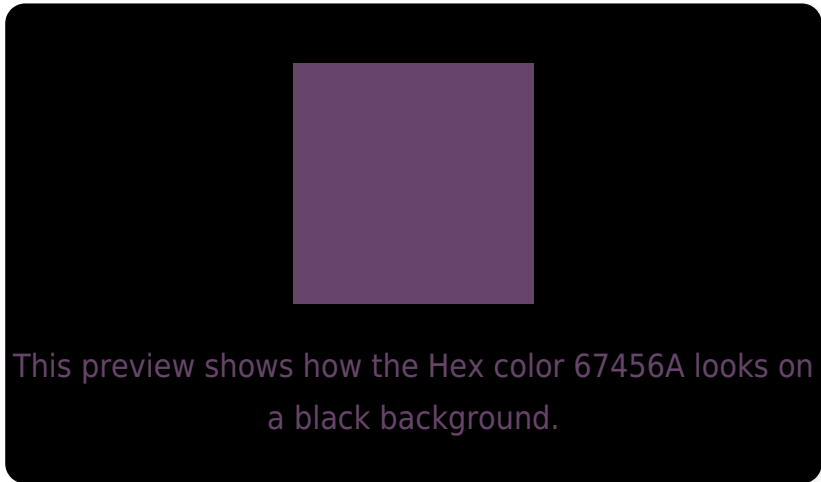
Large Text (above 18pt) WCAG AA ✓ Pass

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

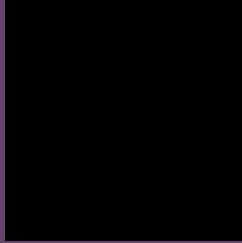
Any Text WCAG AA × Fail

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 67456A Background



This preview shows how black text looks on a background with the Hex color 67456A.



This preview shows how white text looks on a background with the Hex color 67456A.

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
67456A

Protanopia
465072

Deuteranopia
4D5068



Tritanopia
634A50

Trichromacy



Original Color
67456A

Protanomaly
524C6F

Deuteranomaly
564C69

Tritanomaly
644859

Monochromacy



Original Color
67456A

Achromatopsia
535353

Achromatomaly
5A4E5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 67456A 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 #67456A looks like.

```
.text, #text, p{  
  color:#67456A  
}
```

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 #67456A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67456A
}
```

Border

The CSS property to change the border of an element to Hex 67456A is called "border". The border property can be set on classes, ids or directly on the HTML element.

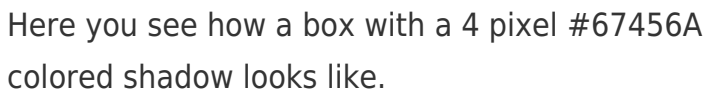
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67456A }
```

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

```
.border{ border-color:#67456A }
```

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



Here you see how a box with a 4 pixel #67456A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67456A; -webkit-box-shadow:4px 4px  
4px 4px #67456A; box-shadow:4px 4px 4px  
4px #67456A }
```

Background

The CSS property to change the background color of an element to Hex 67456A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67456A }
```

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

```
.background{ background-color:#67456A }
```

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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