

Converting Colors

Hex(676695)

Have a look what the booklet for
Hex(676695) contains.

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Color

Hex(676695)

Conversions

Conversions Part 1

Format	Color
Hex	676695
RGB	103, 102, 149
RGB Percent	40%, 40%, 58%
CMY	0.5961, 0.6000, 0.4157
CMYK	0.31, 0.32, 0.00, 0.42
HSL	241°, 19%, 49%
HSV	241°, 32%, 58%
XYZ	15.7697, 14.5562, 30.4123
YIQ	107.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

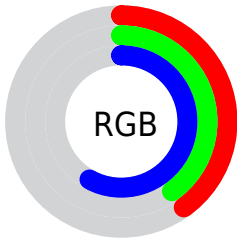
Format	Color
RYB	103, 102, 149
Decimal	6776469
CIELab	45.02, 11.73, -25.53
CIElCh	45, 28.093, 294.674
Yxy	14.5562, 0.2596, 0.2397
Android (android.graphics.Color)	4284966549 (0xFF676695)
YUV	107.6570, 20.3821, -4.0842
Hunter-Lab	38.1526, 7.0127, -20.5544

Details

The Hex color **676695** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **949566**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9B99CB**, and **363762** is the 20% darker color. If you saturate the color by 10%, you get **585795**, and if you desaturate by 10%, it is **767595**.

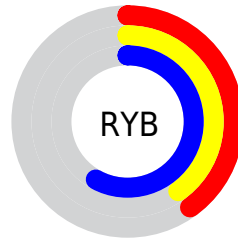
Distribution



Red (40%)

Green (40%)

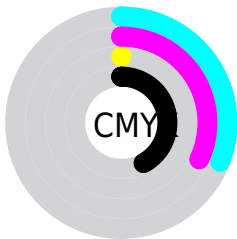
Blue (58%)



Red (40%)

Yellow (40%)

Blue (58%)

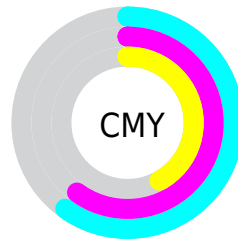


Cyan (31%)

Magenta (32%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676695 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 676695 by changing the saturation by 10% instead.

676695

676695

FFFFFF

4E4E7B

9B99CB

363762

B6B4E8

1E224A

D2CFFF

060D33

EFEBFF

00021E

000000

676695

676695

585795

767595

4A4895

848495

■ 3B3995

■ 939395

■ 2D2A95

■ A1A295

■ 1E1C95

■ B0B195

■ 100D95

■ BEBF95

■ 030095

■ CDCE95

■ DCDD95

■ EAEC95

Harmonies

Analogous

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



406E99



676695



845E86

Triad

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



676695



8F6045



2A7765

Complementary

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



676695



949566

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.



4B744F



676695



7D683C

Square

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



676695



985958



666F3F



00777D

Rectangle

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



676695



905A78



666F3F



36765D

Sweetspot

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



676695



B1B0C2



669495



565661



E0E0E0



616161

Same Dimension

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



676695



7A78C2



7E6695



43434A



03008A



00000A

Inverse Universe

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



956694



C278C0



7D9566



4A434A



8A0087



0A000A

Previews

White Background



This preview shows how the Hex color 676695 looks on a white background.

Color Contrast Check

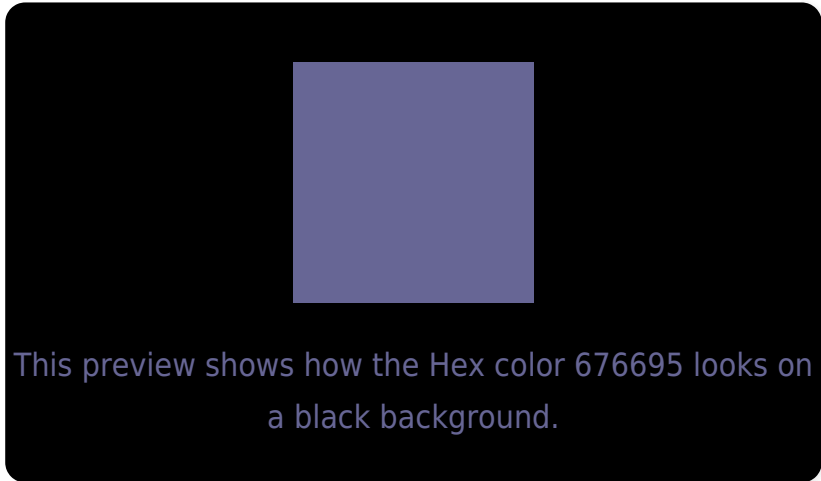
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

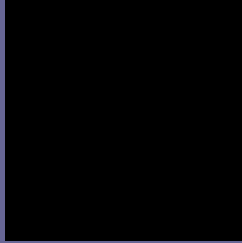
Any Text WCAG AA × Fail

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 676695 Background



This preview shows how black text looks on a background with the Hex color 676695.



This preview shows how white text looks on a background with the Hex color 676695.

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
676695

Protanopia
5C6997

Deuteranopia
5C6994



Tritanopia
606C75

Trichromacy



Original Color
676695

Protanomaly
606896

Deuteranomaly
606894

Tritanomaly
636A81

Monochromacy



Original Color
676695

Achromatopsia
6C6C6C

Achromatomaly
6A6A7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 676695 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 #676695 looks like.

```
.text, #text, p{  
  color:#676695  
}
```

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 #676695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676695
}
```

Border

The CSS property to change the border of an element to Hex 676695 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
#676695 }
```

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

```
.border{ border-color:#676695 }
```

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

Here you see how a box with a 4 pixel #676695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676695; -webkit-box-shadow:4px 4px  
4px 4px #676695; box-shadow:4px 4px 4px  
4px #676695 }
```

Background

The CSS property to change the background color of an element to Hex 676695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676695 }
```

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

```
.background{ background-color:#676695 }
```

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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