

Converting Colors

Hex(676791)

Have a look what the booklet for
Hex(676791) contains.

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Color

Hex(676791)

Conversions

Conversions Part 1

Format	Color
Hex	676791
RGB	103, 103, 145
RGB Percent	40%, 40%, 57%
CMY	0.5961, 0.5961, 0.4314
CMYK	0.29, 0.29, 0.00, 0.43
HSL	240°, 17%, 49%
HSV	240°, 29%, 57%
XYZ	15.5546, 14.6284, 28.7918
YIQ	107.7880, -13.4820, 13.0620

Conversions

Conversions Part 2

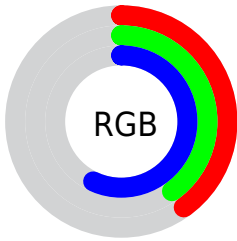
Format	Color
RYB	103, 103, 145
Decimal	6776721
CIELab	45.12, 10.04, -22.99
CIELCh	45, 25.086, 293.589
Yxy	14.6284, 0.2637, 0.2480
Android (android.graphics.Color)	4284966801 (0xFF676791)
YUV	107.7880, 18.3455, -4.1991
Hunter-Lab	38.2471, 5.6613, -17.8596

Details

The Hex color **676791** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **919167**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9B9AC7**, and **36385E** is the 20% darker color. If you saturate the color by 10%, you get **595991**, and if you desaturate by 10%, it is **767691**.

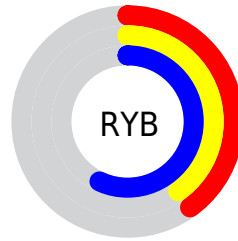
Distribution



Red (40%)

Green (40%)

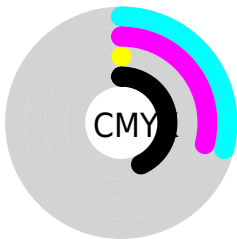
Blue (57%)



Red (40%)

Yellow (40%)

Blue (57%)

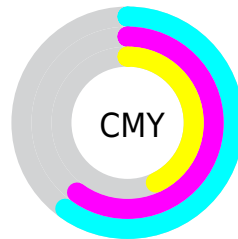


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676791 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 676791 by changing the saturation by 10% instead.

676791

676791

FFFFFF

4E4F77

9B9AC7

36385E

B6B5E3

1F2346

D2D0FF

080E30

EFEDFF

00011B

000000

676791

676791

595991

767691

4A4A91

848491

■ 3C3C91

■ 939391

■ 2D2D91

■ A1A191

■ 1F1F91

■ B0B091

■ 101091

■ BEBE91

■ 020291

■ CDCD91

■ 000091

■ DBDB91

■ EAEA91

Harmonies

Analogous

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



466E94



676791



816084

Triad

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



676791



8D614A



367665

Complementary

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



676791



919167

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.



507351



676791



7D6841

Square

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



676791



945C5B



686F44



1F767B

Rectangle

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



676791



8C5C77



686F44



3E755E

Sweetspot

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



676791



ACACBD



679191



54545E



DEDEDE



5E5E5E

Same Dimension

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



676791



7B7BBD



7C6791



404047



000087



000008

Inverse Universe

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



916791



BD7BBD



7C9167



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 676791 looks on a white background.

Color Contrast Check

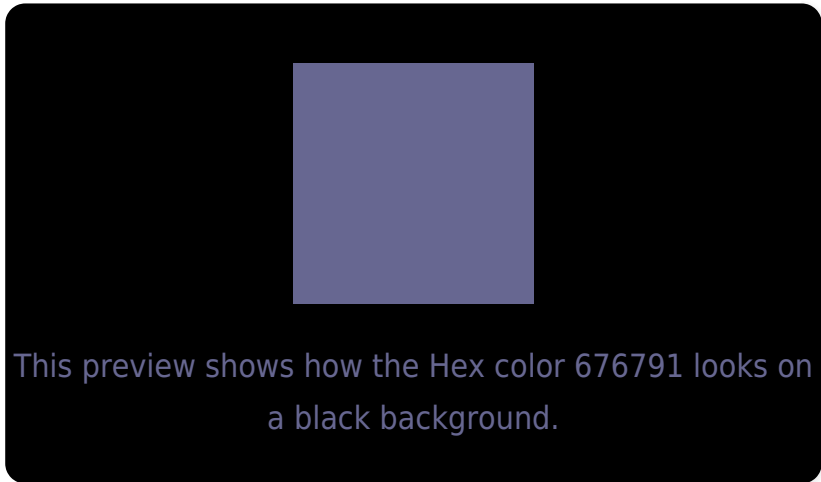
Large Text (above 18pt) WCAG AA ✓ Pass

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

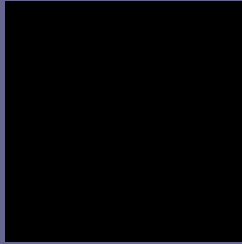
Any Text WCAG AA × Fail

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 676791 Background



This preview shows how black text looks on a background with the Hex color 676791.



This preview shows how white text looks on a background with the Hex color 676791.

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
676791

Protanopia
5E6993

Deuteranopia
606991



Tritanopia
616C75

Trichromacy



Original Color
676791

Protanomaly
616892

Deuteranomaly
636891

Tritanomaly
636A7F

Monochromacy



Original Color
676791

Achromatopsia
6C6C6C

Achromatomaly
6A6A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 676791 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 #676791 looks like.

```
.text, #text, p{  
    color:#676791  
}
```

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 #676791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676791
}
```

Border

The CSS property to change the border of an element to Hex 676791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

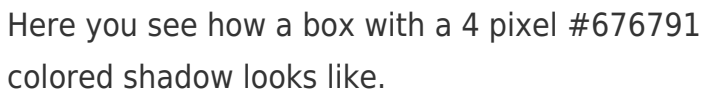
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676791 }
```

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

```
.border{ border-color:#676791 }
```

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



Here you see how a box with a 4 pixel #676791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676791; -webkit-box-shadow:4px 4px  
4px 4px #676791; box-shadow:4px 4px 4px  
4px #676791 }
```

Background

The CSS property to change the background color of an element to Hex 676791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676791 }
```

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

```
.background{ background-color:#676791 }
```

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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