

Converting Colors

Hex(676390)

Have a look what the booklet for
Hex(676390) contains.

Hex(676390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(676390)

Conversions

Conversions Part 1

Format	Color
Hex	676390
RGB	103, 99, 144
RGB Percent	40%, 39%, 56%
CMY	0.5961, 0.6118, 0.4353
CMYK	0.28, 0.31, 0.00, 0.44
HSL	245°, 19%, 48%
HSV	245°, 31%, 56%
XYZ	15.0894, 13.8209, 28.2580
YIQ	105.3260, -12.0610, 14.8430

Conversions

Conversions Part 2

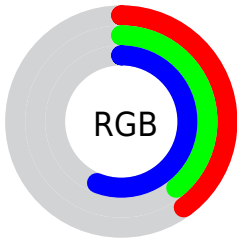
Format	Color
RYB	103, 99, 144
Decimal	6775696
CIELab	43.97, 12.22, -24.17
CIELCh	44, 27.083, 296.832
Yxy	13.8209, 0.2639, 0.2418
Android (android.graphics.Color)	4284965776 (0xFF676390)
YUV	105.3260, 19.0663, -2.0399
Hunter-Lab	37.1764, 7.3920, -19.0431

Details

The Hex color **676390** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C9063**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9B96C6**, and **36355D** is the 20% darker color. If you saturate the color by 10%, you get **5A5590**, and if you desaturate by 10%, it is **747190**.

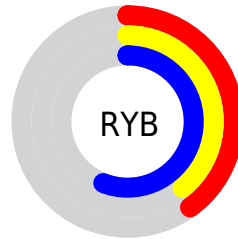
Distribution



Red (40%)

Green (39%)

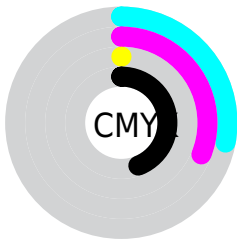
Blue (56%)



Red (40%)

Yellow (39%)

Blue (56%)

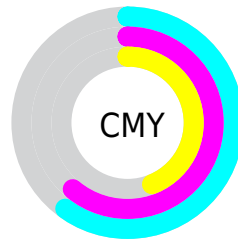


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676390 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 676390 by changing the saturation by 10% instead.

676390

676390

FFFFFF

4E4B76

9B96C6

36355D

B6B0E2

1F1F46

D2CCFF

09082F

EFE8FF

00011A

000000

676390

676390

5A5590

747190

4D4690

818090

403890

8E8E90

332990

9B9D90

251B90

A9AB90

180D90

B6B990

0D0090

C3C890

D0D690

DDE590

Harmonies

Analogous

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



426B94



676390



825B81

Triad

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



676390



8A5E43



287465

Complementary

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



676390



8C9063

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.



47714F



676390



79663B

Square

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



676390



935855



626D3F



00747B

Rectangle

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



676390



8D5773



626D3F



33735D

Sweetspot

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



676390



ABA9BA



638C90



55545E



DEDEDE



5E5E5E

Same Dimension

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



676390



7A73BA



7D6390



414047



0C0087



010008

Inverse Universe

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



90638C



BA73B4



769063



474047



87007B



080007

Previews

White Background



This preview shows how the Hex color 676390 looks on a white background.

Color Contrast Check

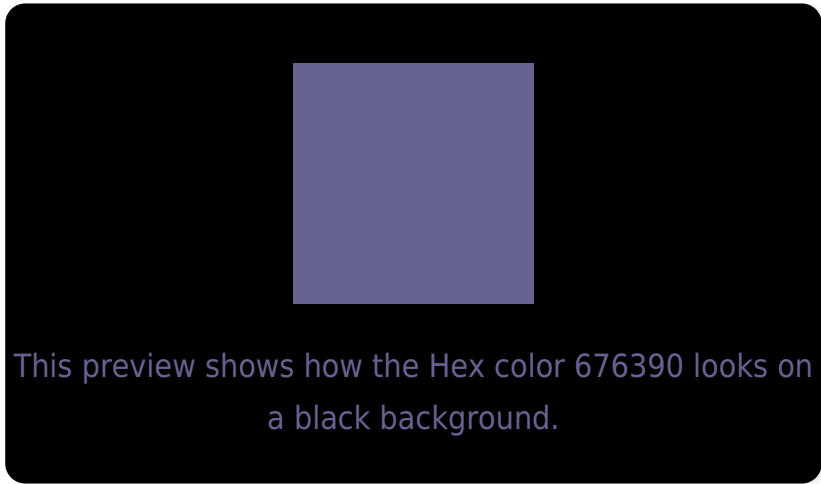
Large Text (above 18pt) WCAG AA ✓ Pass

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

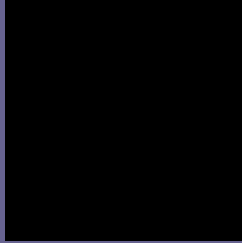
Any Text WCAG AA × Fail

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 676390 Background



This preview shows how black text looks on a background with the Hex color 676390.



This preview shows how white text looks on a background with the Hex color 676390.

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](#).

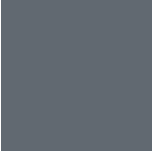
Dichromacy



Original Color
676390

Protanopia
5A6693

Deuteranopia
5B678F



Tritanopia
616971

Trichromacy



Original Color
676390

Protanomaly
5F6592

Deuteranomaly
5F668F

Tritanomaly
63677C

Monochromacy



Original Color
676390

Achromatopsia
696969

Achromatomaly
686777

CSS Examples

Text

The CSS property to change the color of the text to Hex 676390 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 #676390 looks like.

```
.text, #text, p{  
    color:#676390  
}
```

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 #676390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676390
}
```

Border

The CSS property to change the border of an element to Hex 676390 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".

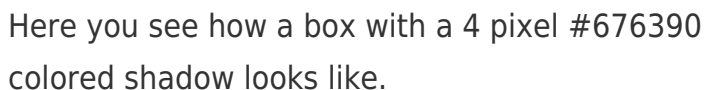
```
.border, #border, table{ border:4px solid
#676390 }
```

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

```
.border{ border-color:#676390 }
```

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

Here you see how a box with a 4 pixel #676390 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676390; -webkit-box-shadow:4px 4px  
4px 4px #676390; box-shadow:4px 4px 4px  
4px #676390 }
```

Background

The CSS property to change the background color of an element to Hex 676390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676390 }
```

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

```
.background{ background-color:#676390 }
```

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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