

Converting Colors

Hex(686390)

Have a look what the booklet for
Hex(686390) contains.

Hex(686390)	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(686390)

Conversions

Conversions Part 1

Format	Color
Hex	686390
RGB	104, 99, 144
RGB Percent	41%, 39%, 56%
CMY	0.5922, 0.6118, 0.4353
CMYK	0.28, 0.31, 0.00, 0.44
HSL	247°, 19%, 48%
HSV	247°, 31%, 56%
XYZ	15.2048, 13.8804, 28.2634
YIQ	105.6250, -11.4650, 15.0550

Conversions

Conversions Part 2

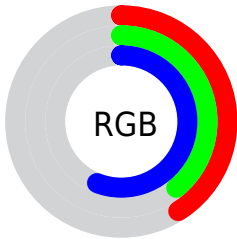
Format	Color
RYB	104, 99, 144
Decimal	6841232
CIELab	44.06, 12.54, -24.03
CIElCh	44, 27.104, 297.565
Yxy	13.8804, 0.2651, 0.2420
Android (android.graphics.Color)	4285031312 (0xFF686390)
YUV	105.6250, 18.9189, -1.4251
Hunter-Lab	37.2563, 7.6496, -18.8990

Details

The Hex color **686390** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B9063**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9C96C6**, and **37355D** is the 20% darker color. If you saturate the color by 10%, you get **5B5590**, and if you desaturate by 10%, it is **757190**.

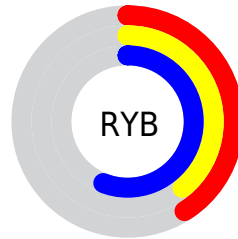
Distribution



Red (41%)

Green (39%)

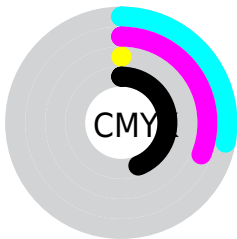
Blue (56%)



Red (41%)

Yellow (39%)

Blue (56%)

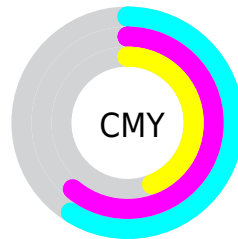


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686390 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 686390 by changing the saturation by 10% instead.

686390

686390

FFFFFF

4F4B76

9C96C6

37355D

B7B0E2

201F46

D3CCFF

0B082F

F0E8FF

00011A

000000

686390

686390

5B5590

757190

4E4690

828090

■ 423890

■ 8E8E90

■ 352990

■ 9B9D90

■ 281B90

■ A8AB90

■ 1B0D90

■ B5B990

■ 100090

■ C2C890

■ CED690

■ DBE590

Harmonies

Analogous

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



446B95



686390



835B81

Triad

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



686390



8A5E43



277465

Complementary

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



686390



8B9063

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.



47724F



686390



79663B

Square

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



686390



935854



626D3F



00747C

Rectangle

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



686390



8E5872



626D3F



33745E

Sweetspot

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



686390



ABA9BA



638B90



55545E



DEDEDE



5E5E5E

Same Dimension

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



686390



7B73BA



7E6390



414047



0F0087



010008

Inverse Universe

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



90638B



BA73B2



759063



474047



870078



080007

Previews

White Background



This preview shows how the Hex color 686390 looks on a white background.

Color Contrast Check

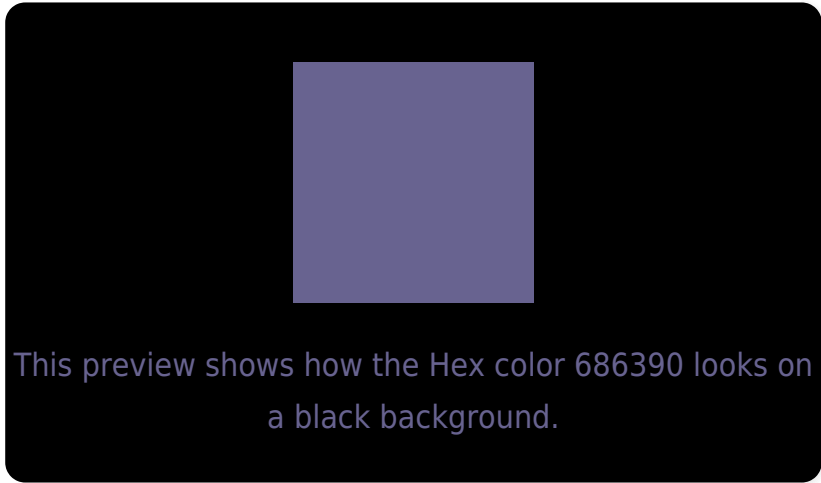
Large Text (above 18pt) WCAG AA ✓ Pass

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

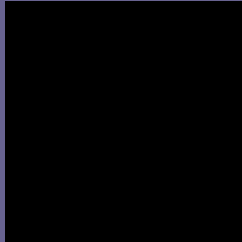
Any Text WCAG AA × Fail

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 686390 Background



This preview shows how black text looks on a background with the Hex color 686390.



This preview shows how white text looks on a background with the Hex color 686390.

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](#).

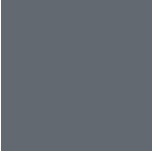
Dichromacy



Original Color
686390

Protanopia
5A6793

Deuteranopia
5C678F



Tritanopia
626971

Trichromacy



Original Color
686390

Protanomaly
5F6692

Deuteranomaly
60668F

Tritanomaly
64677C

Monochromacy



Original Color
686390

Achromatopsia
6A6A6A

Achromatomaly
696778

CSS Examples

Text

The CSS property to change the color of the text to Hex 686390 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 #686390 looks like.

```
.text, #text, p{  
    color:#686390  
}
```

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 #686390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686390
}
```

Border

The CSS property to change the border of an element to Hex 686390 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
#686390 }
```

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

```
.border{ border-color:#686390 }
```

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

Here you see how a box with a 4 pixel #686390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686390; -webkit-box-shadow:4px 4px  
4px 4px #686390; box-shadow:4px 4px 4px  
4px #686390 }
```

Background

The CSS property to change the background color of an element to Hex 686390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686390 }
```

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

```
.background{ background-color:#686390 }
```

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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