

Converting Colors

Hex(686190)

Have a look what the booklet for
Hex(686190) contains.

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Color

Hex(686190)

Conversions

Conversions Part 1

Format	Color
Hex	686190
RGB	104, 97, 144
RGB Percent	41%, 38%, 56%
CMY	0.5922, 0.6196, 0.4353
CMYK	0.28, 0.33, 0.00, 0.44
HSL	249°, 20%, 47%
HSV	249°, 33%, 56%
XYZ	15.0177, 13.5061, 28.2010
YIQ	104.4510, -10.9150, 16.1010

Conversions

Conversions Part 2

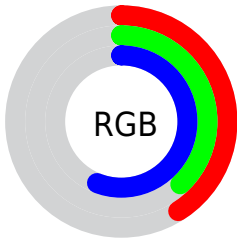
Format	Color
R_{YB}	104, 97, 144
Decimal	6840720
CIE _{Lab}	43.52, 13.77, -24.87
CIE _{LCh}	44, 28.431, 298.974
Yxy	13.5061, 0.2647, 0.2381
Android (android.graphics.Color)	4285030800 (0xFF686190)
YUV	104.4510, 19.4977, -0.3955
Hunter-Lab	36.7506, 8.6282, -19.7714

Details

The Hex color **686190** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **899061**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9C94C6**, and **37335D** is the 20% darker color. If you saturate the color by 10%, you get **5C5390**, and if you desaturate by 10%, it is **746F90**.

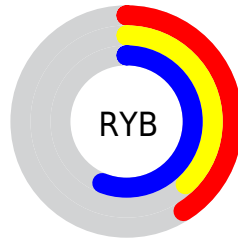
Distribution



Red (41%)

Green (38%)

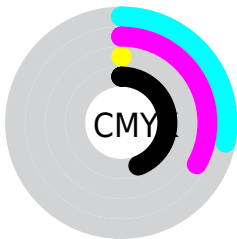
Blue (56%)



Red (41%)

Yellow (38%)

Blue (56%)

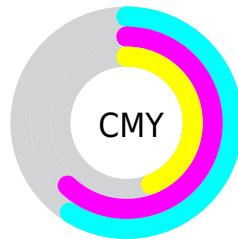


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686190 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 686190 by changing the saturation by 10% instead.

■ 686190

■ 686190

FFFFFF

■ 4F4976

■ 9C94C6

■ 37335D

■ B7AEE2

■ 201E46

■ D3CAFF

■ 0B052F

■ F0E6FF

■ 00011A

■ 000000

■ 686190

■ 686190

■ 5C5390

■ 746F90

■ 4F4490

■ 817E90

433690

8D8C90

372790

999B90

2B1990

A5A990

1E0B90

B2B790

150090

BEC690

CAD490

D6E390

Harmonies

Analogous

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



416996



686190



84597F

Triad

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



686190



895D3F



1D7365

Complementary

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



686190



899061

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.



42714E



686190



776537

Square

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



686190



935651



5E6C3D



00737D

Rectangle

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



686190



8F5571



5E6C3D



2B735D

Sweetspot

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



686190



AAA8BA



618A90



55535E



DEDEDE



5E5E5E

Same Dimension

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



686190



7C72BA



7F6190



414047



140087



010008

Inverse Universe

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



906189



BA72AF



729061



474046



870073



080007

Previews

White Background



This preview shows how the Hex color 686190 looks on a white background.

Color Contrast Check

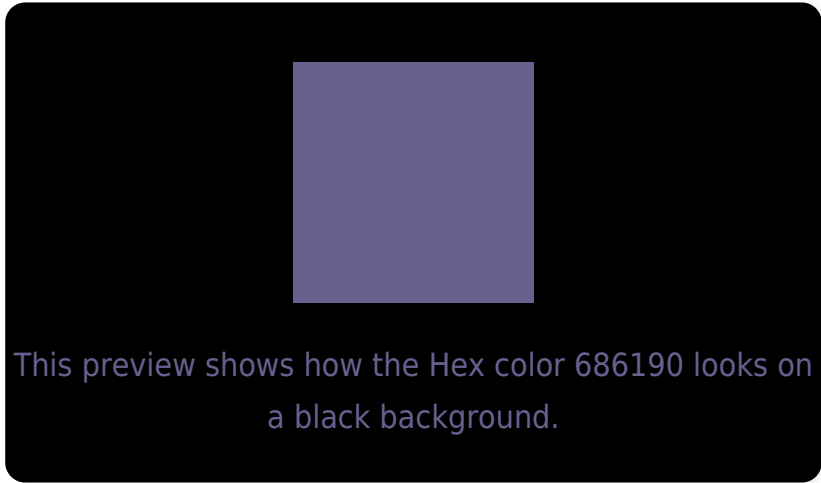
Large Text (above 18pt) WCAG AA ✓ Pass

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

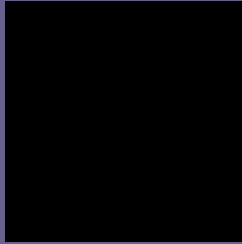
Any Text WCAG AA × Fail

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 686190 Background



This preview shows how black text looks on a background with the Hex color 686190.

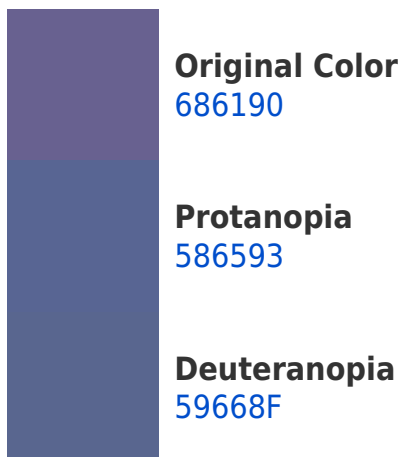


This preview shows how white text looks on a background with the Hex color 686190.

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





Tritanopia
626770

Trichromacy



Original Color
686190

Protanomaly
5E6492

Deuteranomaly
5E648F

Tritanomaly
64657C

Monochromacy



Original Color
686190

Achromatopsia
686868

Achromatomaly
686577

CSS Examples

Text

The CSS property to change the color of the text to Hex 686190 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 #686190 looks like.

```
.text, #text, p{  
    color:#686190  
}
```

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 #686190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686190
}
```

Border

The CSS property to change the border of an element to Hex 686190 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".

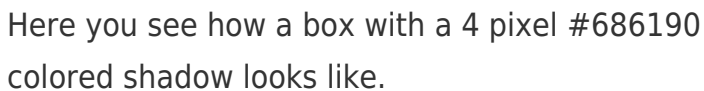
```
.border, #border, table{ border:4px solid
#686190 }
```

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

```
.border{ border-color:#686190 }
```

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

Here you see how a box with a 4 pixel #686190 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686190; -webkit-box-shadow:4px 4px  
4px 4px #686190; box-shadow:4px 4px 4px  
4px #686190 }
```

Background

The CSS property to change the background color of an element to Hex 686190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686190 }
```

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

```
.background{ background-color:#686190 }
```

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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