

# Converting Colors

Hex(686793)

Have a look what the booklet for  
Hex(686793) contains.

<b>Hex(686793)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(686793)**

# Conversions

## Conversions Part 1

Format	Color
Hex	686793
RGB	104, 103, 147
RGB Percent	41%, 40%, 58%
CMY	0.5922, 0.5961, 0.4235
CMYK	0.29, 0.30, 0.00, 0.42
HSL	241°, 18%, 49%
HSV	241°, 30%, 58%
XYZ	15.8256, 14.7501, 29.6167
YIQ	108.3150, -13.5280, 13.8960

# Conversions

## Conversions Part 2

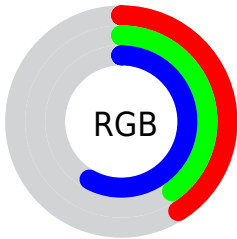
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 103, 147</a>
Decimal	<a href="#">6842259</a>
CIELab	<a href="#">45.29, 10.89, -23.91</a>
CIELCh	<a href="#">45, 26.275, 294.483</a>
Yxy	<a href="#">14.7501, 0.2629, 0.2450</a>
Android (android.graphics.Color)	<a href="#">4285032339 (0xFF686793)</a>
YUV	<a href="#">108.3150, 19.0717, -3.7843</a>
Hunter-Lab	<a href="#">38.4059, 6.3428, -18.8374</a>

# Details

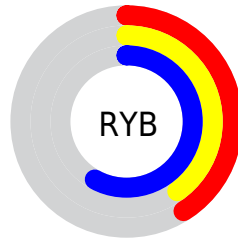
The Hex color **686793** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **929367**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9C9AC9**, and **373860** is the 20% darker color. If you saturate the color by 10%, you get **5A5893**, and if you desaturate by 10%, it is **767693**.

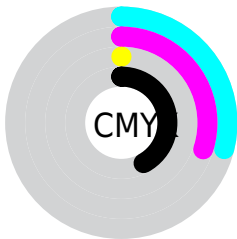
# Distribution



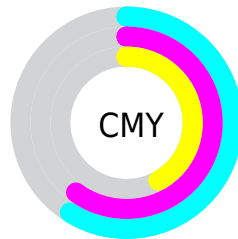
- Red (41%)
- Green (40%)
- Blue (58%)



- Red (41%)
- Yellow (40%)
- Blue (58%)



- Cyan (29%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (59%)
- Magenta (60%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686793 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 686793 by changing the saturation by 10% instead.



■ 686793

■ 686793

FFFFFF

■ 4F4F79

■ 9C9AC9

■ 373860

■ B7B5E5

■ 202348

■ D3D0FF

■ 080E32

■ F0EDFF

■ 00021C

■ 000000

■ 686793

■ 686793

■ 5A5893

■ 767693

■ 4B4A93

■ 858493

■ 3D3B93

■ 939393

■ 2F2C93

■ A1A293

■ 201E93

■ B0B193

■ 120F93

■ BEBF93

■ 030093

■ CDCE93

■ DBDD93

■ E9EB93

# Harmonies

## Analogous

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



456F96



686793



835F85

# Triad

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



686793



8E6148



317766

# Complementary

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



686793



929367

# 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.



4E7451



686793



7D683F

# Square

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



686793



965B5A



676F43



15777D

# Rectangle

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



686793



8F5C77



676F43



3B765F



# Sweetspot

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



686793



AEAEBF



679293



565661



E0E0E0



616161



# Same Dimension

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



686793



7C7ABF



7E6793



43434A



03008A



00000A



# Inverse Universe

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



936792



BF7ABE



7C9367



4A434A



8A0087



0A000A



# Previews

## White Background



This preview shows how the Hex color 686793 looks on a white background.

## Color Contrast Check

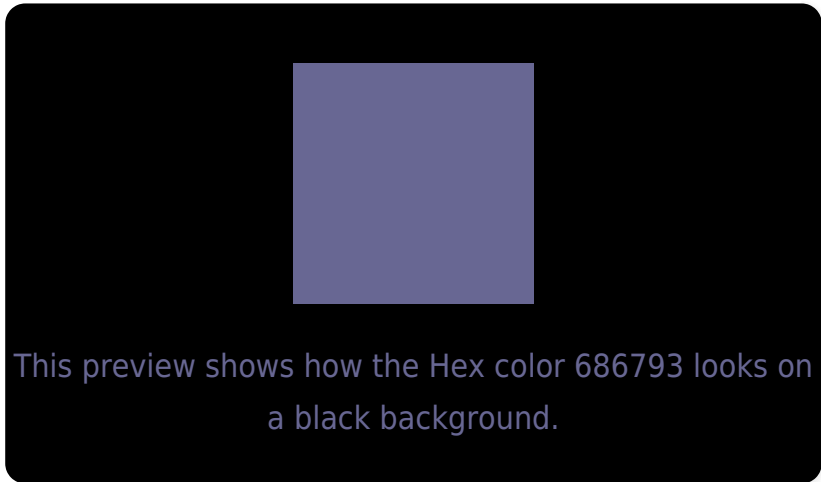
Large Text (above 18pt) WCAG AA ✓ Pass

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

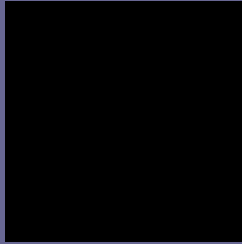
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 686793 Background



This preview shows how black text looks on a background with the Hex color 686793.



This preview shows how white text looks on a background with the Hex color 686793.

# 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](#).

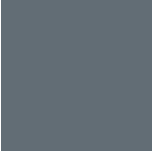
## Dichromacy



**Original Color**  
686793

**Protanopia**  
5E6A95

**Deuteranopia**  
5F6A92



**Tritanopia**  
626D75

# Trichromacy



**Original Color**  
686793

**Protanomaly**  
626994

**Deuteranomaly**  
626992

**Tritanomaly**  
646B80

# Monochromacy



**Original Color**  
686793

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
6B6A7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686793 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 #686793 looks like.

```
.text, #text, p{  
    color:#686793  
}
```

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 #686793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686793
}
```

## Border

The CSS property to change the border of an element to Hex 686793 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".

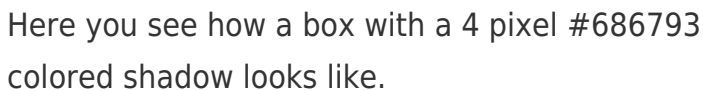
```
.border, #border, table{ border:4px solid
#686793 }
```

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

```
.border{ border-color:#686793 }
```

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

Here you see how a box with a 4 pixel #686793 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686793; -webkit-box-shadow:4px 4px  
4px 4px #686793; box-shadow:4px 4px 4px  
4px #686793 }
```

# Background

The CSS property to change the background color of an element to Hex 686793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686793 }
```

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

```
.background{ background-color:#686793 }
```

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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