

Converting Colors

Hex(686296)

Have a look what the booklet for
Hex(686296) contains.

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Color

Hex(686296)

Conversions

Conversions Part 1

Format	Color
Hex	686296
RGB	104, 98, 150
RGB Percent	41%, 38%, 59%
CMY	0.5922, 0.6157, 0.4118
CMYK	0.31, 0.35, 0.00, 0.41
HSL	247°, 21%, 49%
HSV	247°, 35%, 59%
XYZ	15.5816, 13.8804, 30.7121
YIQ	105.7220, -13.1160, 17.4440

Conversions

Conversions Part 2

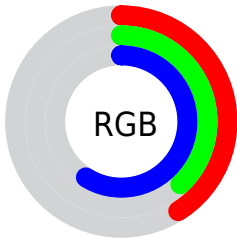
Format	Color
R_{YB}	104, 98, 150
Decimal	6840982
CIE _{Lab}	44.06, 14.77, -27.61
CIE _{LCh}	44, 31.311, 298.138
Y _{xy}	13.8804, 0.2589, 0.2307
Android (android.graphics.Color)	4285031062 (0xFF686296)
YUV	105.7220, 21.8291, -1.5102
Hunter-Lab	37.2564, 9.4546, -22.7958

Details

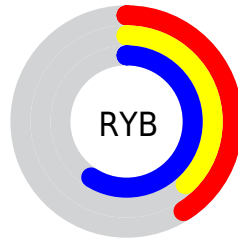
The Hex color **686296** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **909662**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9C95CC**, and **373463** is the 20% darker color. If you saturate the color by 10%, you get **5B5396**, and if you desaturate by 10%, it is **757196**.

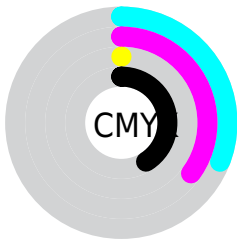
Distribution



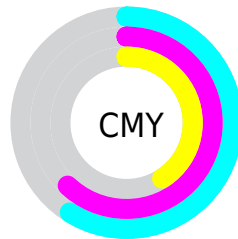
- Red (41%)
- Green (38%)
- Blue (59%)



- Red (41%)
- Yellow (38%)
- Blue (59%)



- Cyan (31%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (59%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686296 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 686296 by changing the saturation by 10% instead.

686296

686296

FFFFFF

4F4A7C

9C95CC

373463

B8AFE9

1E1E4B

D4CBFF

080734

F0E7FF

00021E

000000

686296

686296

5B5396

757196

4D4496

838096

■ 403596

■ 908F96

■ 332696

■ 9D9E96

■ 261796

■ AAAD96

■ 180896

■ B8BC96

■ 110096

■ C5CB96

■ D2DA96

■ DFE996

Harmonies

Analogous

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



3A6B9C



686296



875984

Triad

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



686296



8E5D3D



0D7666

Complementary

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



686296



909662

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.



40734C



686296



7A6633

Square

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



686296



995551



5F6E39



007580

Rectangle

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



686296



945474



5F6E39



24755D

Sweetspot

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



686296



B1AEC2



629196



575561



E0E0E0



616161

Same Dimension

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



686296



7A70C2



816296



43434A



10008A



01000A

Inverse Universe

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



966290



C270B8



779662



4A4349



8A007A



0A0009

Previews

White Background



This preview shows how the Hex color 686296 looks on a white background.

Color Contrast Check

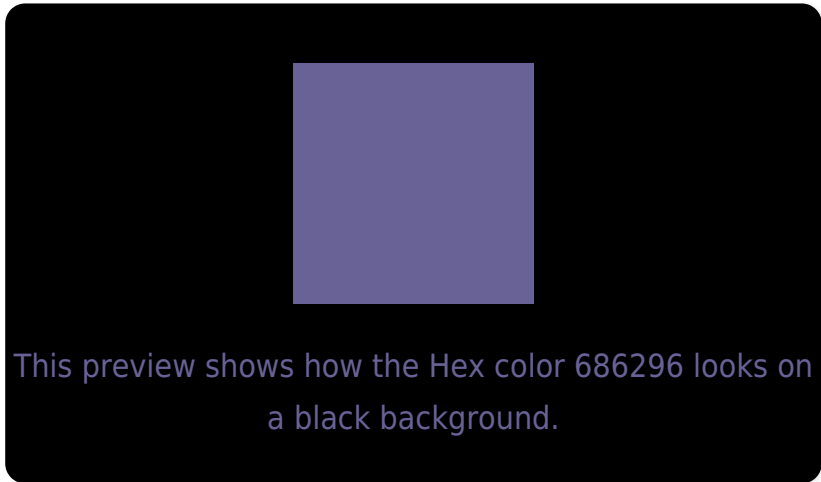
Large Text (above 18pt) WCAG AA ✓ Pass

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 686296 Background



This preview shows how black text looks on a background with the Hex color 686296.

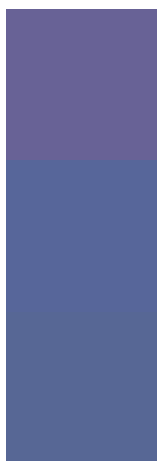


This preview shows how white text looks on a background with the Hex color 686296.

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](#).

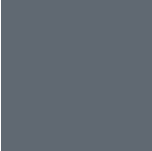
Dichromacy



Original Color
686296

Protanopia
57669A

Deuteranopia
576795



Tritanopia
606972

Trichromacy



Original Color
686296

Protanomaly
5D6599

Deuteranomaly
5D6595

Tritanomaly
63667F

Monochromacy



Original Color
686296

Achromatopsia
6A6A6A

Achromatomaly
69677A

CSS Examples

Text

The CSS property to change the color of the text to Hex 686296 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 #686296 looks like.

```
.text, #text, p{  
    color:#686296  
}
```

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 #686296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686296
}
```

Border

The CSS property to change the border of an element to Hex 686296 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".

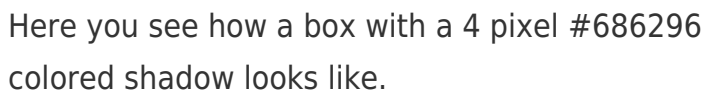
```
.border, #border, table{ border:4px solid
#686296 }
```

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

```
.border{ border-color:#686296 }
```

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

Here you see how a box with a 4 pixel #686296 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686296; -webkit-box-shadow:4px 4px  
4px 4px #686296; box-shadow:4px 4px 4px  
4px #686296 }
```

Background

The CSS property to change the background color of an element to Hex 686296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686296 }
```

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

```
.background{ background-color:#686296 }
```

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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