

Converting Colors

Hex(68296A)

Have a look what the booklet for
Hex(68296A) contains.

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Color

Hex(68296A)

Conversions

Conversions Part 1

Format	Color
Hex	68296A
RGB	104, 41, 106
RGB Percent	41%, 16%, 42%
CMY	0.5922, 0.8392, 0.5843
CMYK	0.02, 0.61, 0.00, 0.58
HSL	298°, 44%, 29%
HSV	298°, 61%, 42%
XYZ	9.1034, 5.5695, 14.2309
YIQ	67.2470, 16.6830, 33.5710

Conversions

Conversions Part 2

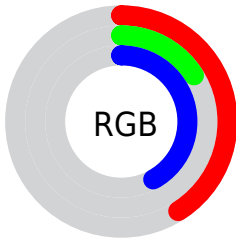
Format	Color
RYB	104, 41, 106
Decimal	6826346
CIELab	28.30, 37.82, -25.12
CIElCh	28, 45.402, 326.409
Yxy	5.5695, 0.3150, 0.1927
Android (android.graphics.Color)	4285016426 (0xFF68296A)
YUV	67.2470, 19.1052, 32.2324
Hunter-Lab	23.5999, 27.5545, -19.2324

Details

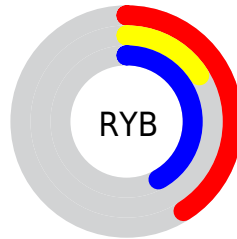
The Hex color **68296A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2B6A29**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9D5B9E**, and **36003A** is the 20% darker color. If you saturate the color by 10%, you get **681E6A**, and if you desaturate by 10%, it is **68346A**.

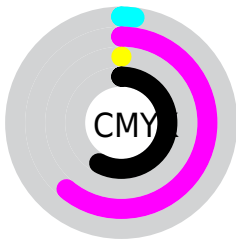
Distribution



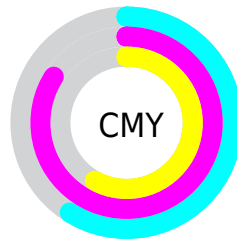
- Red (41%)
- Green (16%)
- Blue (42%)



- Red (41%)
- Yellow (16%)
- Blue (42%)



- Cyan (2%)
- Magenta (61%)
- Yellow (0%)
- Black (58%)



- Cyan (59%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68296A 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 68296A by changing the saturation by 10% instead.



68296A



68296A

FFFFFF



4F0F52



9D5B9E



36003A



B974B9



220025



D58ED4



00000C



F2A9F1



000000



FFC5FF



FFE1FF



FFFEFF



68296A



68296A

681E6A

68346A

67146A

693E6A

67096A

69496A

67006A

69536A

6A5E6A

6A696A

6A736A

6B7E6A

6B886A

Harmonies

Analogous

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



363B82



68296A



7D1A49

Triad

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



68296A



564000



005261

Complementary

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



68296A



2B6A29

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.



00523D



68296A



344A00

Square

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



68296A



6F3103



004F19



00507D

Rectangle

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



68296A



801B31



004F19



005256

Sweetspot

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



68296A



89718A



292B6A



443645



C4C4C4



454545

Same Dimension

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



68296A



87248A



6A294C



353036



720075



ED00F5

Inverse Universe

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



6A292B



8A2427



296A47



363030



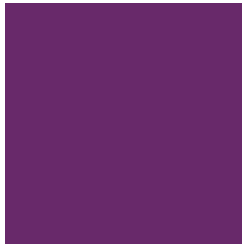
750004



F50008

Previews

White Background



This preview shows how the Hex color 68296A looks on a white background.

Color Contrast Check

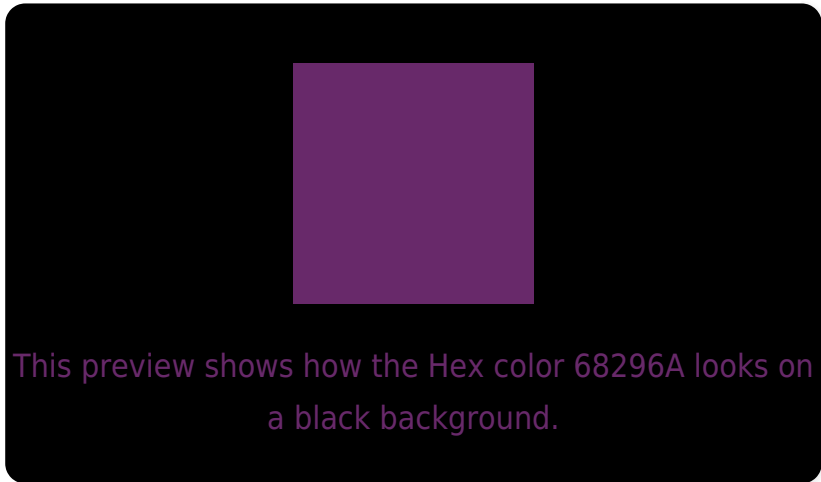
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

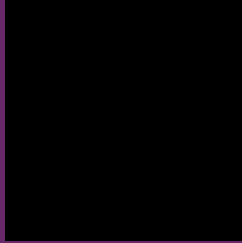
Any Text WCAG AA × Fail

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 68296A Background



This preview shows how black text looks on a background with the Hex color 68296A.



This preview shows how white text looks on a background with the Hex color 68296A.

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
62373B

Trichromacy



Original Color
68296A

Protanomaly
3B3979

Deuteranomaly
473A67

Tritanomaly
64324C

Monochromacy



Original Color
68296A

Achromatopsia
434343

Achromatomaly
503A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 68296A 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 #68296A looks like.

```
.text, #text, p{  
    color:#68296A  
}
```

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 #68296A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68296A
}
```

Border

The CSS property to change the border of an element to Hex 68296A is called "border". The border property can be set on classes, ids or directly on the HTML element.

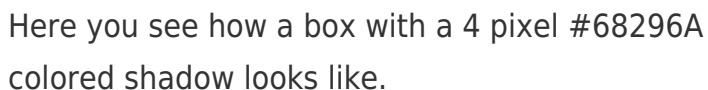
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68296A }
```

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

```
.border{ border-color:#68296A }
```

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



Here you see how a box with a 4 pixel #68296A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68296A; -webkit-box-shadow:4px 4px  
4px 4px #68296A; box-shadow:4px 4px 4px  
4px #68296A }
```

Background

The CSS property to change the background color of an element to Hex 68296A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68296A }
```

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

```
.background{ background-color:#68296A }
```

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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