

Converting Colors

Hex(683988)

Have a look what the booklet for
Hex(683988) contains.

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Color

Hex(683988)

Conversions

Conversions Part 1

Format	Color
Hex	683988
RGB	104, 57, 136
RGB Percent	41%, 22%, 53%
CMY	0.5922, 0.7765, 0.4667
CMYK	0.24, 0.58, 0.00, 0.47
HSL	276°, 41%, 38%
HSV	276°, 58%, 53%
XYZ	11.6160, 7.6469, 24.1563
YIQ	80.0590, 2.6530, 34.5330

Conversions

Conversions Part 2

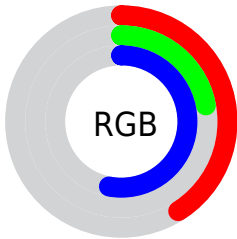
Format	Color
R_{YB}	104, 57, 136
Decimal	6830472
CIE _{Lab}	33.24, 35.90, -36.18
CIE _{LCh}	33, 50.973, 314.776
Yxy	7.6469, 0.2675, 0.1761
Android (android.graphics.Color)	4285020552 (0xFF683988)
YUV	80.0590, 27.5789, 20.9963
Hunter-Lab	27.6530, 26.5884, -32.4358

Details

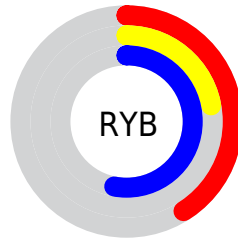
The Hex color **683988** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **598839**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9D6ABE**, and **350855** is the 20% darker color. If you saturate the color by 10%, you get **622B88**, and if you desaturate by 10%, it is **6E4788**.

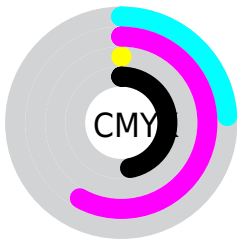
Distribution



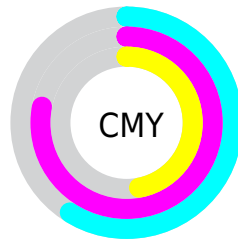
- Red (41%)
- Green (22%)
- Blue (53%)



- Red (41%)
- Yellow (22%)
- Blue (53%)



- Cyan (24%)
- Magenta (58%)
- Yellow (0%)
- Black (47%)



- Cyan (59%)
- Magenta (78%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683988 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 683988 by changing the saturation by 10% instead.

 683988

 683988

FFFFFF

 4E216E

 9D6ABE

 350855

 B984DA

 1E003E

 D59FF7

 000027

 F2BAFF

 000110

 FFD6FF

 000000

 FFF3FF

 683988

 683988

 622B88

 6E4788

■ 5D1E88

■ 735488

■ 571088

■ 796288

■ 520388

■ 7E6F88

■ 510088

■ 847D88

■ 898B88

■ 8F9888

■ 94A688

■ 9AB388

Harmonies

Analogous

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



004C9D



683988



8B2364

Triad

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



683988



704500



006062

Complementary

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



683988



598839

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.



005F37



683988



4D5200

Square

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



683988



8A3116



195B0B



005F86

Rectangle

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



683988



941D4A



195B0B



006054

Sweetspot

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



683988



A492B0



395A88



524759



D9D9D9



595959

Same Dimension

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



683988



7E35B0



883981



423E45



4F0085



030005

Inverse Universe

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



883959



B03567



398840



453E41



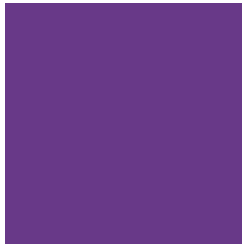
850036



050002

Previews

White Background



This preview shows how the Hex color 683988 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

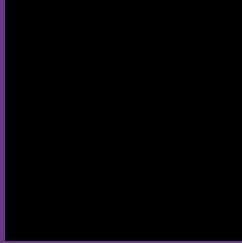
Any Text WCAG AA × Fail

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 683988 Background



This preview shows how black text looks on a background with the Hex color 683988.

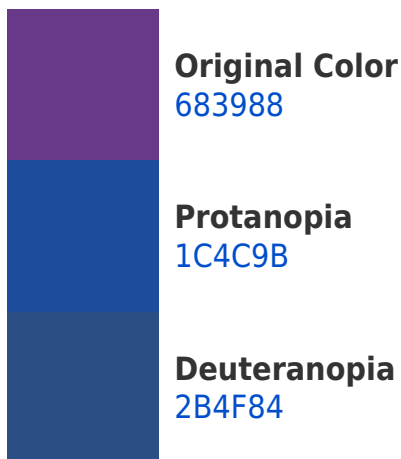



This preview shows how white text looks on a background with the Hex color 683988.

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](#).

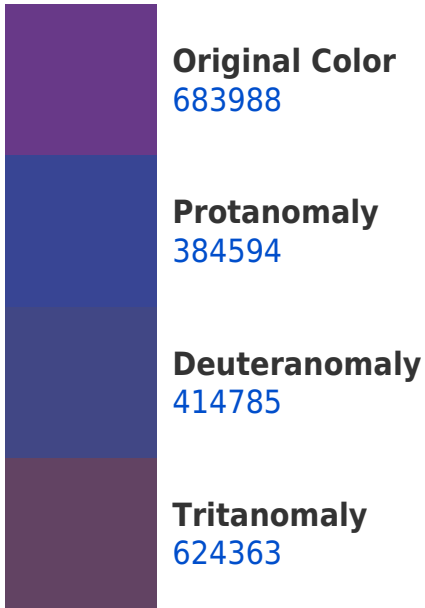
Dichromacy



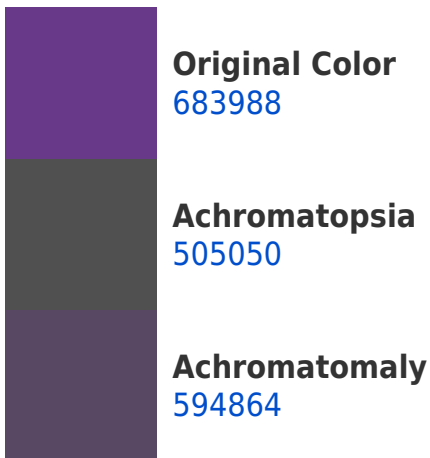


Tritanopia
5E494E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 683988 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 #683988 looks like.

```
.text, #text, p{  
    color:#683988  
}
```

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 #683988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683988
}
```

Border

The CSS property to change the border of an element to Hex 683988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

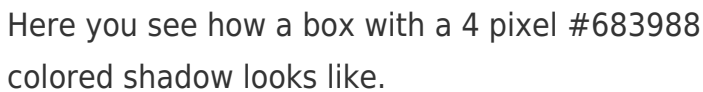
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683988 }
```

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

```
.border{ border-color:#683988 }
```

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



Here you see how a box with a 4 pixel #683988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683988; -webkit-box-shadow:4px 4px  
4px 4px #683988; box-shadow:4px 4px 4px  
4px #683988 }
```

Background

The CSS property to change the background color of an element to Hex 683988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683988 }
```

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

```
.background{ background-color:#683988 }
```

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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