

Converting Colors

Hex(685683)

Have a look what the booklet for
Hex(685683) contains.

Hex(685683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(685683)

Conversions

Conversions Part 1

Format	Color
Hex	685683
RGB	104, 86, 131
RGB Percent	41%, 34%, 51%
CMY	0.5922, 0.6627, 0.4863
CMYK	0.21, 0.34, 0.00, 0.49
HSL	264°, 21%, 43%
HSV	264°, 34%, 51%
XYZ	13.1334, 11.2373, 22.9495
YIQ	96.5120, -3.7170, 17.8110

Conversions

Conversions Part 2

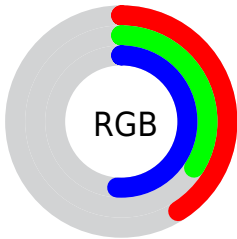
Format	Color
RYB	104, 86, 131
Decimal	6837891
CIELab	39.98, 17.21, -22.51
CIElCh	40, 28.338, 307.401
Yxy	11.2373, 0.2775, 0.2375
Android (android.graphics.Color)	4285027971 (0xFF685683)
YUV	96.5120, 17.0026, 6.5670
Hunter-Lab	33.5221, 11.2698, -17.1250

Details

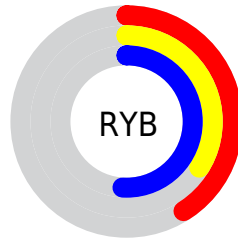
The Hex color **685683** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **718356**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9C88B8**, and **382951** is the 20% darker color. If you saturate the color by 10%, you get **604983**, and if you desaturate by 10%, it is **706383**.

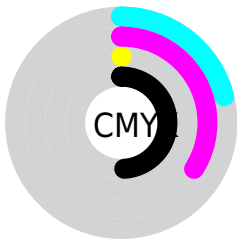
Distribution



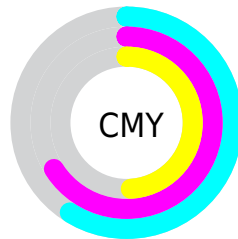
- Red (41%)
- Green (34%)
- Blue (51%)



- Red (41%)
- Yellow (34%)
- Blue (51%)



- Cyan (21%)
- Magenta (34%)
- Yellow (0%)
- Black (49%)



- Cyan (59%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685683 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 685683 by changing the saturation by 10% instead.

■ 685683

■ 685683

FFFFFF

■ 4F3F6A

■ 9C88B8

■ 382951

■ B7A2D4

■ 21143A

■ D3BDF0

■ 100025

■ EFD9FF

■ 00010D

■ FFF6FF

■ 000000

■ 685683

■ 685683

■ 604983

■ 706383

■ 583C83

■ 787083

■ 502F83

■ 807D83

■ 492283

■ 878A83

■ 411583

■ 8F9783

■ 390783

■ 97A583

■ 340083

■ 9FB283

■ A7BF83

■ AFCC83

Harmonies

Analogous

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



445F8C



685683



804E70

Triad

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



685683



7B5734



006A63

Complementary

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



685683



718356

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.



30694C



685683



675F2F

Square

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



685683



884F43



4E6538



00697A

Rectangle

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



685683



884C61



4E6538



136A5B

Sweetspot

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



685683



A19AAB



567183



504C57



D6D6D6



575757

Same Dimension

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



685683



8165AB



7F5683



3E3C42



340082



010003

Inverse Universe

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



835671



AB658F



5B8356



423C40



82004E



030002

Previews

White Background



This preview shows how the Hex color 685683 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

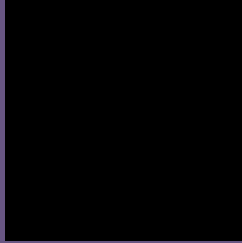
Any Text WCAG AA × Fail

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 685683 Background



This preview shows how black text looks on a background with the Hex color 685683.

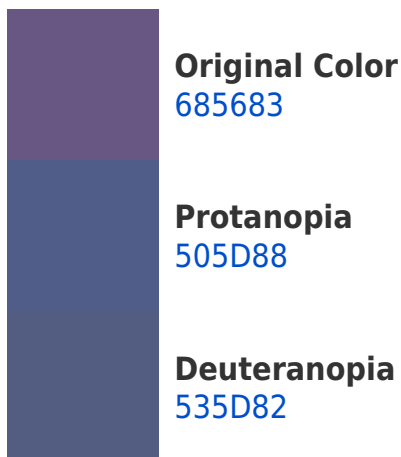



This preview shows how white text looks on a background with the Hex color 685683.

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
635C64

Trichromacy



Original Color
685683

Protanomaly
595A86

Deuteranomaly
5B5A82

Tritanomaly
655A6F

Monochromacy



Original Color
685683

Achromatopsia
616161

Achromatomaly
645D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 685683 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 #685683 looks like.

```
.text, #text, p{  
    color:#685683  
}
```

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 #685683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685683
}
```

Border

The CSS property to change the border of an element to Hex 685683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

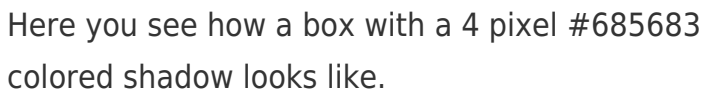
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685683 }
```

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

```
.border{ border-color:#685683 }
```

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



Here you see how a box with a 4 pixel #685683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685683; -webkit-box-shadow:4px 4px  
4px 4px #685683; box-shadow:4px 4px 4px  
4px #685683 }
```

Background

The CSS property to change the background color of an element to Hex 685683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685683 }
```

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

```
.background{ background-color:#685683 }
```

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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