

Converting Colors

Hex(681BC5)

Have a look what the booklet for
Hex(681BC5) contains.

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Color

Hex(681BC5)

Conversions

Conversions Part 1

Format	Color
Hex	681BC5
RGB	104, 27, 197
RGB Percent	41%, 11%, 77%
CMY	0.5922, 0.8941, 0.2275
CMYK	0.47, 0.86, 0.00, 0.23
HSL	267°, 76%, 44%
HSV	267°, 86%, 77%
XYZ	16.1789, 7.7581, 53.4681
YIQ	69.4030, -8.6780, 69.1940

Conversions

Conversions Part 2

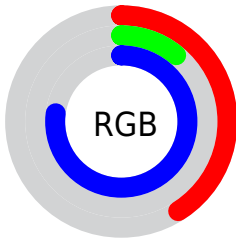
Format	Color
RYB	104, 27, 197
Decimal	6822853
CIELab	33.47, 63.85, -72.49
CIELCh	33, 96.601, 311.376
Yxy	7.7581, 0.2090, 0.1002
Android (android.graphics.Color)	4285012933 (0xFF681BC5)
YUV	69.4030, 62.9053, 30.3416
Hunter-Lab	27.8534, 54.9397, -94.3170

Details

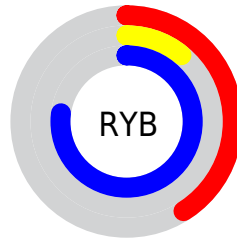
The Hex color **681BC5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **78C51B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A455FF**, and **26008E** is the 20% darker color. If you saturate the color by 10%, you get **5D07C5**, and if you desaturate by 10%, it is **732FC5**.

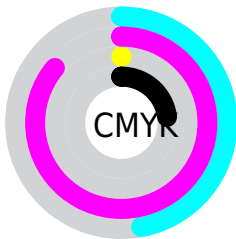
Distribution



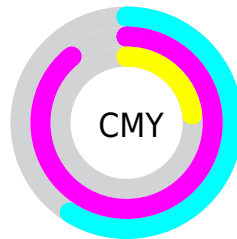
- Red (41%)
- Green (11%)
- Blue (77%)



- Red (41%)
- Yellow (11%)
- Blue (77%)



- Cyan (47%)
- Magenta (86%)
- Yellow (0%)
- Black (23%)



- Cyan (59%)
- Magenta (89%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681BC5 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 681BC5 by changing the saturation by 10% instead.

 681BC5

 681BC5

FFFFFF

 4900A9

 A455FF

 26008E

 C170FF

 000073

 DF8BFF

 00005A

 FEA7FF

 000741

 FFC3FF

 00032A

 FFE0FF

 000114

 FFFDFF

 000000

 681BC5

 681BC5

■ 5D07C5

■ 732FC5

■ 5900C5

■ 7E42C5

■ 8856C5

■ 936AC5

■ 9E7EC5

■ A991C5

■ B3A5C5

■ BEB9C5

■ C9CCC5

Harmonies

Analogous

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



0053EB



681BC5



B70082

Triad

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



681BC5



863700



00686B

Complementary

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



681BC5



78C51B

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.



006616



681BC5



465500

Square

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



681BC5



B40000



006200



006AB5

Rectangle

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



681BC5



C8004F



006200



006851

Sweetspot

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



681BC5



DBBDFE



1B79C5



6A5880



000000



808080

Same Dimension

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



681BC5



7400FF



BC1BC5



5E5A63



4A00A3



100024

Inverse Universe

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



C51B78



FF008B



23C51B



635A5F



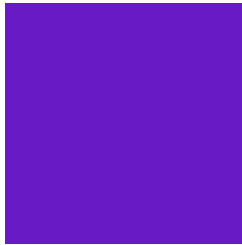
A30059



240014

Previews

White Background



This preview shows how the Hex color 681BC5 looks on a white background.

Color Contrast Check

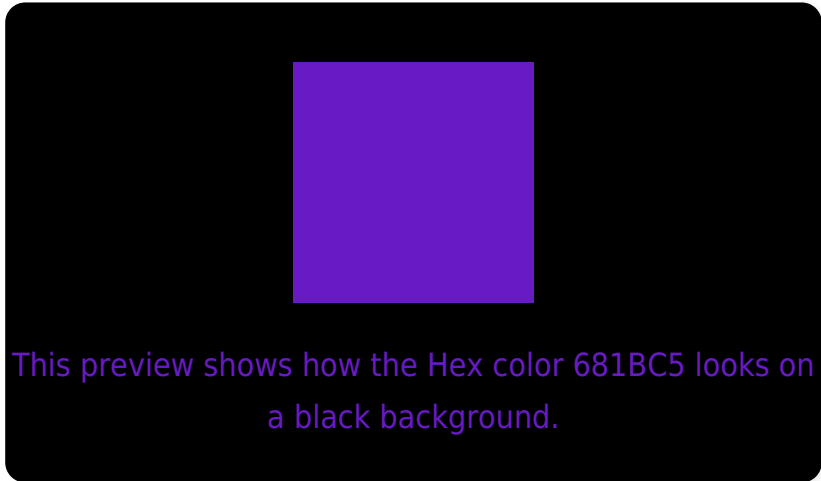
Large Text (above 18pt) WCAG AA ✓ Pass

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

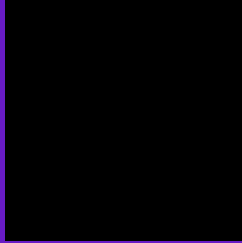
Any Text WCAG AA × Fail

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 681BC5 Background



This preview shows how black text looks on a background with the Hex color 681BC5.



This preview shows how white text looks on a background with the Hex color 681BC5.

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
681BC5

Protanopia
004DA1

Deuteranopia
00528A



Tritanopia
4B5056

Trichromacy



Original Color
681BC5



Protanomaly
263BAE



Deuteranomaly
263E9F



Tritanomaly
563D7E

Monochromacy



Original Color
681BC5



Achromatopsia
454545



Achromatomaly
523674

CSS Examples

Text

The CSS property to change the color of the text to Hex 681BC5 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 #681BC5 looks like.

```
.text, #text, p{  
    color:#681BC5  
}
```

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 #681BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681BC5
}
```

Border

The CSS property to change the border of an element to Hex 681BC5 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".

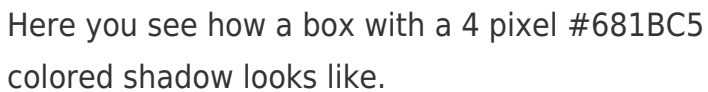
```
.border, #border, table{ border:4px solid
#681BC5 }
```

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

```
.border{ border-color:#681BC5 }
```

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

Here you see how a box with a 4 pixel #681BC5 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #681BC5 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681BC5; -webkit-box-shadow:4px 4px  
4px 4px #681BC5; box-shadow:4px 4px 4px  
4px #681BC5 }
```

Background

The CSS property to change the background color of an element to Hex 681BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681BC5 }
```

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

```
.background{ background-color:#681BC5 }
```

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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