

Converting Colors

Hex(681ED2)

Have a look what the booklet for
Hex(681ED2) contains.

Hex(681ED2)	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(681ED2)

Conversions

Conversions Part 1

Format	Color
Hex	681ED2
RGB	104, 30, 210
RGB Percent	41%, 12%, 82%
CMY	0.5922, 0.8824, 0.1765
CMYK	0.50, 0.86, 0.00, 0.18
HSL	265°, 75%, 47%
HSV	265°, 86%, 82%
XYZ	17.8061, 8.5247, 61.6797
YIQ	72.6460, -13.6760, 71.6680

Conversions

Conversions Part 2

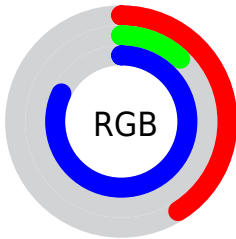
Format	Color
RYB	104, 30, 210
Decimal	6823634
CIELab	35.05, 66.04, -77.46
CIELCh	35, 101.794, 310.450
Yxy	8.5247, 0.2023, 0.0969
Android (android.graphics.Color)	4285013714 (0xFF681ED2)
YUV	72.6460, 67.7155, 27.4975
Hunter-Lab	29.1972, 57.7642, -104.8135

Details

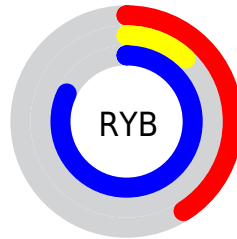
The Hex color **681ED2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **88D21E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A557FF**, and **20009A** is the 20% darker color. If you saturate the color by 10%, you get **5C09D2**, and if you desaturate by 10%, it is **7433D2**.

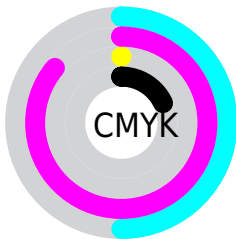
Distribution



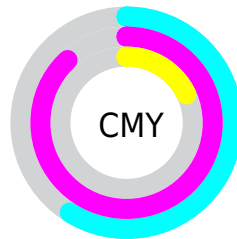
- Red (41%)
- Green (12%)
- Blue (82%)



- Red (41%)
- Yellow (12%)
- Blue (82%)



- Cyan (50%)
- Magenta (86%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (88%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681ED2 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 681ED2 by changing the saturation by 10% instead.

681ED2

681ED2

FFFFFF

4800B6

A557FF

20009A

C372FF

00007F

E28EFF

000065

FFAAFF

00084C

FFC6FF

000434

FFE3FF

00021E

000000

681ED2

681ED2

■ 5C09D2

■ 7433D2

■ 5600D2

■ 8148D2

■ 8D5DD2

■ 9972D2

■ A687D2

■ B29CD2

■ BFB1D2

■ CBC6D2

■ D7DBD2

Harmonies

Analogous

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



0058F9



681ED2



BF008B

Triad

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



681ED2



8F3800



006D6E

Complementary

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



681ED2



88D21E

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.



006B12



681ED2



4B5900

Square

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



681ED2



BE0000



006600



006FBD

Rectangle

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



681ED2



D20056



006600



006D52

Sweetspot

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



681ED2



D8BDFE



1E8AD2



685880



000000



808080

Same Dimension

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



681ED2



6900FF



C01ED2



625E69



4500A8



110029

Inverse Universe

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



D21E88



FF0096



30D21E



695E64



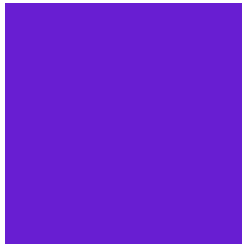
A80063



290018

Previews

White Background



This preview shows how the Hex color 681ED2 looks on a white background.

Color Contrast Check

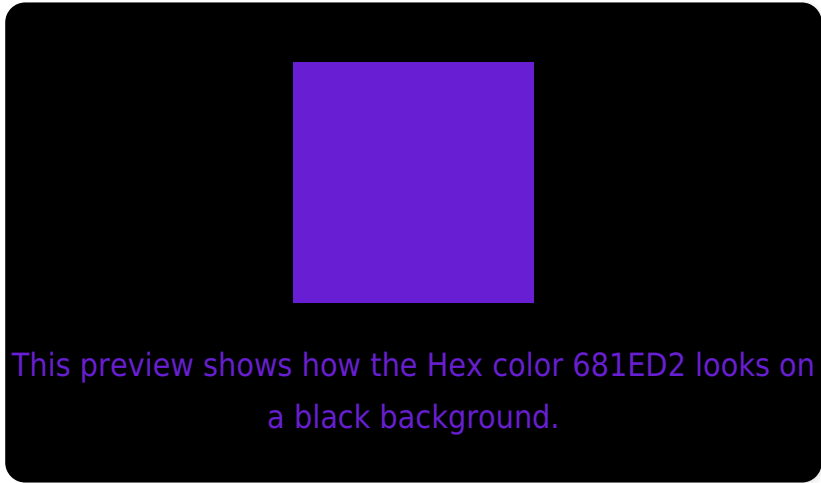
Large Text (above 18pt) WCAG AA ✓ Pass

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

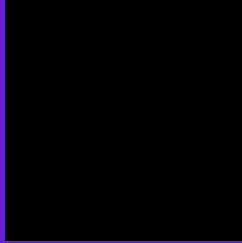
Any Text WCAG AA × Fail

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 681ED2 Background



This preview shows how black text looks on a background with the Hex color 681ED2.

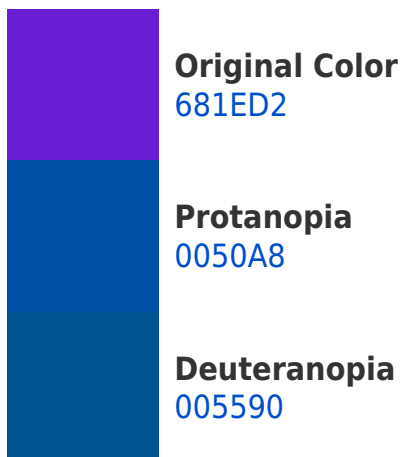


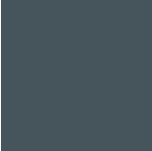
This preview shows how white text looks on a background with the Hex color 681ED2.

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
46555C

Trichromacy



Original Color
681ED2



Protanomaly
263EB7



Deuteranomaly
2641A8



Tritanomaly
524187

Monochromacy



Original Color
681ED2



Achromatopsia
494949



Achromatomaly
54397B

CSS Examples

Text

The CSS property to change the color of the text to Hex 681ED2 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 #681ED2 looks like.

```
.text, #text, p{  
    color:#681ED2  
}
```

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 #681ED2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681ED2
}
```

Border

The CSS property to change the border of an element to Hex 681ED2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

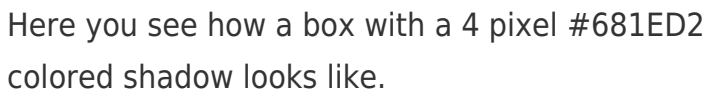
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681ED2 }
```

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

```
.border{ border-color:#681ED2 }
```

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



Here you see how a box with a 4 pixel #681ED2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681ED2; -webkit-box-shadow:4px 4px  
4px 4px #681ED2; box-shadow:4px 4px 4px  
4px #681ED2 }
```

Background

The CSS property to change the background color of an element to Hex 681ED2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681ED2 }
```

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

```
.background{ background-color:#681ED2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor