

Converting Colors

Hex(681AE5)

Have a look what the booklet for
Hex(681AE5) contains.

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Color

Hex(681AE5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 681AE5 |
| RGB | 104, 26, 229 |
| RGB Percent | 41%, 10%, 90% |
| CMY | 0.5922, 0.8980, 0.1020 |
| CMYK | 0.55, 0.89, 0.00, 0.10 |
| HSL | 263°, 80%, 50% |
| HSV | 263°, 89%, 90% |
| XYZ | 20.2212, 9.3390, 74.8656 |
| YIQ | 72.4640, -18.6750, 79.6690 |

Conversions

Conversions Part 2

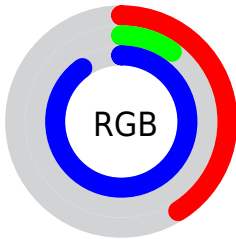
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 104, 26, 229 |
| Decimal | 6822629 |
| CIELab | 36.63, 71.64, -85.78 |
| CIELCh | 37, 111.763, 309.865 |
| Yxy | 9.3390, 0.1936, 0.0894 |
| Android (android.graphics.Color) | 4285012709 (0xFF681AE5) |
| YUV | 72.4640, 77.1722, 27.6571 |
| Hunter-Lab | 30.5598, 64.6326, -123.8573 |

Details

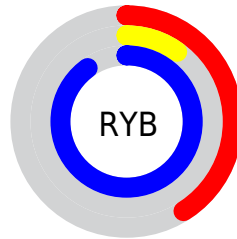
The Hex color **681AE5** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **97E51A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A756FF**, and **1400AC** is the 20% darker color. If you saturate the color by 10%, you get **5A03E5**, and if you desaturate by 10%, it is **7631E5**.

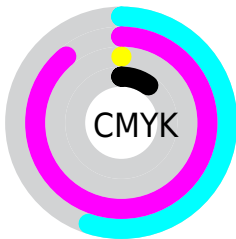
Distribution



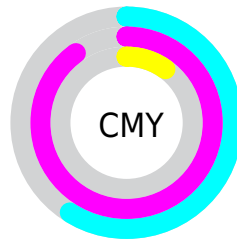
- Red (41%)
- Green (10%)
- Blue (90%)



- Red (41%)
- Yellow (10%)
- Blue (90%)



- Cyan (55%)
- Magenta (89%)
- Yellow (0%)
- Black (10%)



- Cyan (59%)
- Magenta (90%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 681AE5 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 681AE5 by changing the saturation by 10% instead.

 681AE5

 681AE5

FFFFFF

 4500C8

 A756FF

 1400AC

 C672FF

 000090

 E58EFF

 000076

 FFAAFF

 00035C

 FFC6FF

 000743

 FFE3FF

 00032C

 000116

 000000

■ 681AE5

■ 681AE5

■ 5A03E5

■ 7631E5

■ 5800E5

■ 8448E5

■ 925FE5

■ A076E5

■ AF8CE5

■ BDA3E5

■ CBBAE5

■ D9D1E5

■ E7E8E5

Harmonies

Analogous

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



005EFF



681AE5



CD0096

Triad

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



681AE5



993700



007373

Complementary

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



681AE5



97E51A

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.



007007



681AE5



4F5D00

Square

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



681AE5



CD0000



006B00



0075CB

Rectangle

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



681AE5



E2005B



006B00



007254

Sweetspot

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



681AE5



D5BAFF



1A97E5



665780



000000



808080

Same Dimension

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



681AE5



6200FF



CD1AE5



6C6773



4500B3



140033

Inverse Universe

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



E51A97



FF009D



32E51A



73676E



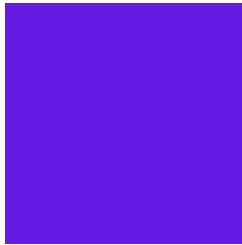
B3006E



33001F

Previews

White Background



This preview shows how the Hex color 681AE5 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

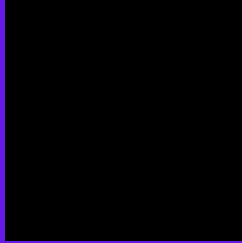
Any Text WCAG AA × Fail

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 681AE5 Background



This preview shows how black text looks on a background with the Hex color 681AE5.

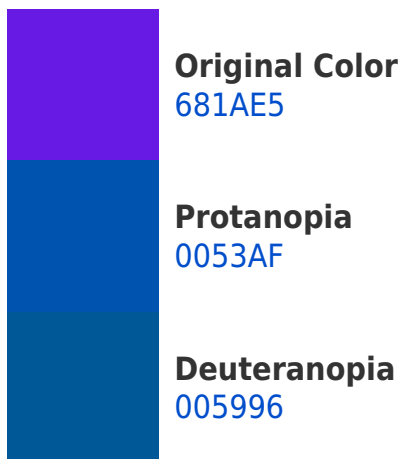



This preview shows how white text looks on a background with the Hex color 681AE5.

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
3C5B63

Trichromacy



Original Color
681AE5



Protanomaly
263EC3



Deuteranomaly
2642B3



Tritanomaly
4C4392

Monochromacy



Original Color
681AE5



Achromatopsia
484848



Achromatomaly
543781

CSS Examples

Text

The CSS property to change the color of the text to Hex 681AE5 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 #681AE5 looks like.

```
.text, #text, p{  
    color:#681AE5  
}
```

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 #681AE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681AE5
}
```

Border

The CSS property to change the border of an element to Hex 681AE5 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
#681AE5 }
```

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

```
.border{ border-color:#681AE5 }
```

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

Here you see how a box with a 4 pixel #681AE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681AE5; -webkit-box-shadow:4px 4px  
4px 4px #681AE5; box-shadow:4px 4px 4px  
4px #681AE5 }
```

Background

The CSS property to change the background color of an element to Hex 681AE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681AE5 }
```

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

```
.background{ background-color:#681AE5 }
```

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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