

# Converting Colors

Hex(691DF5)

Have a look what the booklet for  
Hex(691DF5) contains.

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**Color**

**Hex(691DF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	691DF5
RGB	105, 29, 245
RGB Percent	41%, 11%, 96%
CMY	0.5882, 0.8863, 0.0392
CMYK	0.57, 0.88, 0.00, 0.04
HSL	261°, 92%, 54%
HSV	261°, 88%, 96%
XYZ	22.7465, 10.4746, 87.2091
YIQ	76.3480, -24.0400, 83.2880

# Conversions

## Conversions Part 2

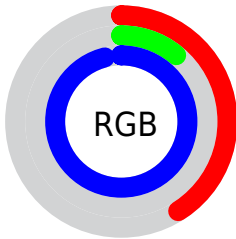
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	105, 29, 245
Decimal	6888949
CIE Lab	38.68, 74.73, -91.46
CIE LCh	39, 118.110, 309.254
Yxy	10.4746, 0.1889, 0.0870
Android (android.graphics.Color)	4285079029 (0xFF691DF5)
YUV	76.3480, 83.1454, 25.1278
Hunter-Lab	32.3644, 68.8163, -137.1076

# Details

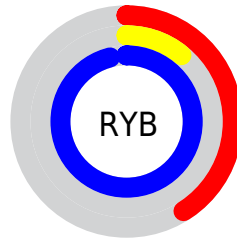
The Hex color **691DF5** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **A9F51D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AA5AFF**, and **0600BB** is the 20% darker color. If you saturate the color by 10%, you get **5905F5**, and if you desaturate by 10%, it is **7936F5**.

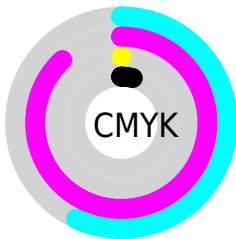
# Distribution



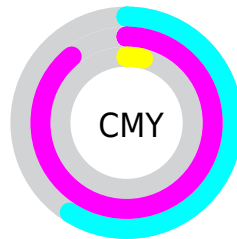
- Red (41%)
- Green (11%)
- Blue (96%)



- Red (41%)
- Yellow (11%)
- Blue (96%)



- Cyan (57%)
- Magenta (88%)
- Yellow (0%)
- Black (4%)



- Cyan (59%)
- Magenta (89%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 691DF5 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 691DF5 by changing the saturation by 10% instead.



 691DF5

 691DF5

FFFFFF

 4400D8

 AA5AFF

 0600BB

 CA75FF

 00009F

 E991FF

 000084

 FFADFF

 000069

 FFCAFF

 000A50

 FFE7FF

 000538

 000222

 000007

 691DF5

 691DF5

 5905F5

 7936F5

 5600F5

 894EF5

 9967F5

 A97FF5

 B898F5

 C8B0F5

 D8C9F5

 E8E1F5

 F8FAF5

# Harmonies

## Analogous

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



0064FF



691DF5



D800A2

# Triad

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



691DF5



A33800



007978

# Complementary

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



691DF5



A9F51D

# 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.



007701



691DF5



546200

# Square

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



691DF5



DA0000



007100



007CD6

# Rectangle

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



691DF5



F00063



007100



007856



# Sweetspot

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



691DF5



D4BDF5



1DA9F5



665880



000000



808080



# Same Dimension

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



691DF5



5A00FF



D51DF5



726E7A



4100BA



15003B



# Inverse Universe

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



F51DA9



FF00A5



3DF51D



7A6E76



BA0079

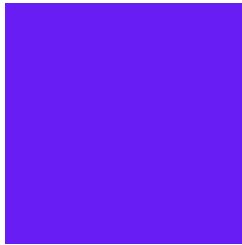


3B0026



# Previews

## White Background



This preview shows how the Hex color 691DF5 looks on a white background.

## Color Contrast Check

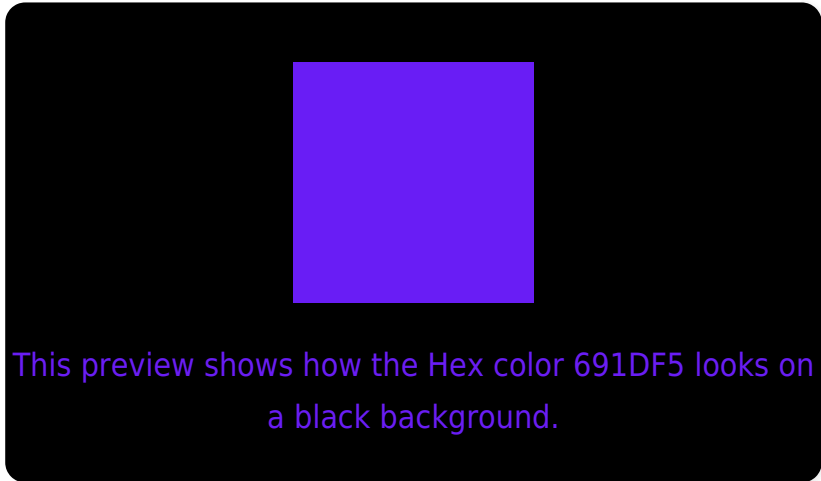
Large Text (above 18pt) WCAG AA ✓ Pass

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

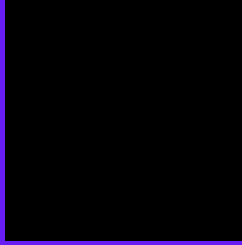
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 691DF5 Background



This preview shows how black text looks on a background with the Hex color 691DF5.

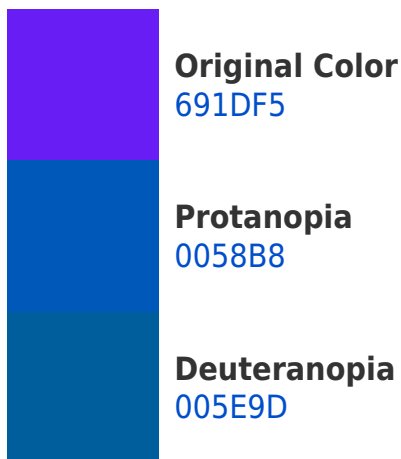



This preview shows how white text looks on a background with the Hex color 691DF5.

# 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](#).

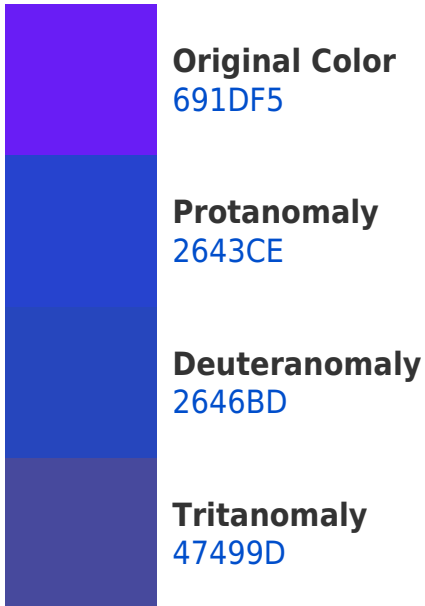
## Dichromacy



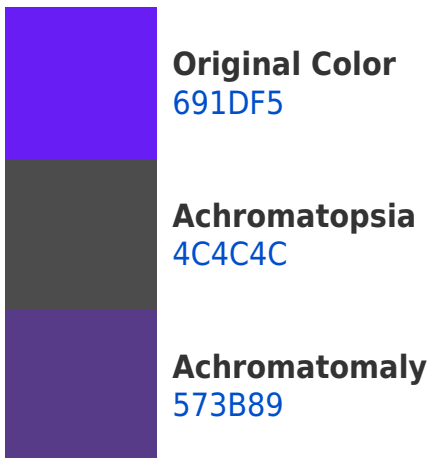


**Tritanopia**  
33626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 691DF5 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 #691DF5 looks like.

```
.text, #text, p{  
    color:#691DF5  
}
```

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 #691DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #691DF5
}
```

## Border

The CSS property to change the border of an element to Hex 691DF5 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
#691DF5 }
```

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

```
.border{ border-color:#691DF5 }
```

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

Here you see how a box with a 4 pixel #691DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #691DF5; -webkit-box-shadow:4px 4px  
4px 4px #691DF5; box-shadow:4px 4px 4px  
4px #691DF5 }
```

# Background

The CSS property to change the background color of an element to Hex 691DF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#691DF5 }
```

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

```
.background{ background-color:#691DF5 }
```

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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