

# Converting Colors

Hex(714BD5)

Have a look what the booklet for  
Hex(714BD5) contains.

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# Color

**Hex(714BD5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	714BD5
RGB	113, 75, 213
RGB Percent	44%, 29%, 84%
CMY	0.5569, 0.7059, 0.1647
CMYK	0.47, 0.65, 0.00, 0.16
HSL	257°, 62%, 56%
HSV	257°, 65%, 84%
XYZ	21.3364, 13.3470, 64.4025
YIQ	102.0940, -21.6500, 50.9740

# Conversions

## Conversions Part 2

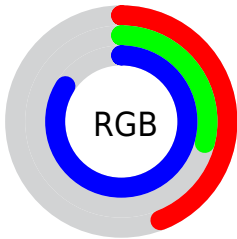
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 75, 213
Decimal	7424981
CIE <sub>Lab</sub>	43.28, 48.35, -65.68
CIE <sub>LCh</sub>	43, 81.555, 306.362
Yxy	13.3470, 0.2153, 0.1347
Android (android.graphics.Color)	4285615061 (0xFF714BD5)
YUV	102.0940, 54.6767, 9.5646
Hunter-Lab	36.5335, 40.3143, -78.9449

# Details

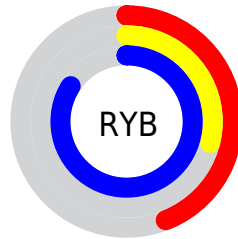
The Hex color **714BD5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **AFD54B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **AB7EFF**, and **331A9D** is the 20% darker color. If you saturate the color by 10%, you get **6236D5**, and if you desaturate by 10%, it is **8060D5**.

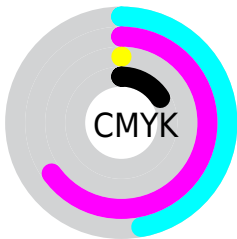
# Distribution



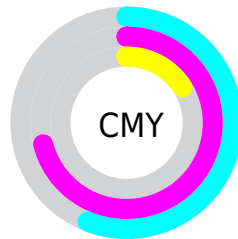
- Red (44%)
- Green (29%)
- Blue (84%)



- Red (44%)
- Yellow (29%)
- Blue (84%)



- Cyan (47%)
- Magenta (65%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (71%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 714BD5 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 714BD5 by changing the saturation by 10% instead.



714BD5

714BD5

FFFFFF

5333B9

AB7EFF

331A9D

C998FF

000082

E7B4FF

000068

FFD0FF

00004F

FFECFF

000537

000221

000006

000000

714BD5

714BD5

6236D5

8060D5

5220D5

9076D5

430BD5

9F8BD5

3B00D5

AFA0D5

BEB5D5

CECBD5

DDE0D5

ECF5D5

FCFFD5

# Harmonies

## Analogous

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



006CEF



714BD5



BE009E

# Triad

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



714BD5



A74D00



008174

# Complementary

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



714BD5



AFD54B

# 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.



007E2A



714BD5



716900

# Square

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



714BD5



CC1418



1B7700



0081B6

# Rectangle

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



714BD5



D30072



1B7700



00805C



# Sweetspot

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



714BD5



DCCFF5



4BB0D5



6A6280



000000



808080



# Same Dimension

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



714BD5



6F38FF



B54BD5



63606B



2F00AB



0C002B



# Inverse Universe

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



D54BAF



FF38C8



6BD54B



6B6068



AB007C

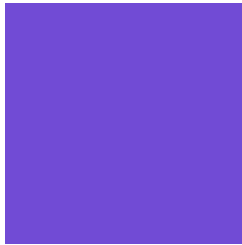


2B001F



# Previews

## White Background



This preview shows how the Hex color 714BD5 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

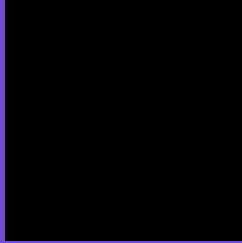
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 714BD5 Background



This preview shows how black text looks on a background with the Hex color 714BD5.

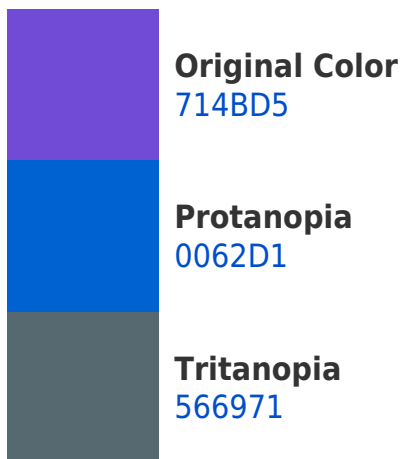


This preview shows how white text looks on a background with the Hex color 714BD5.

# 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



# Trichromacy



**Original Color**  
714BD5



**Protanomaly**  
295AD2

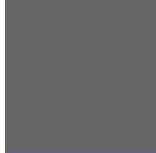


**Tritanomaly**  
605E95

# Monochromacy



**Original Color**  
714BD5



**Achromatopsia**  
666666



**Achromatomaly**  
6A5C8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 714BD5 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 #714BD5 looks like.

```
.text, #text, p{  
    color:#714BD5  
}
```

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 #714BD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #714BD5
}
```

## Border

The CSS property to change the border of an element to Hex 714BD5 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
#714BD5 }
```

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

```
.border{ border-color:#714BD5 }
```

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

Here you see how a box with a 4 pixel #714BD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #714BD5; -webkit-box-shadow:4px 4px  
4px 4px #714BD5; box-shadow:4px 4px 4px  
4px #714BD5 }
```

# Background

The CSS property to change the background color of an element to Hex 714BD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#714BD5 }
```

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

```
.background{ background-color:#714BD5 }
```

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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