

Converting Colors

Hex(4714E1)

Have a look what the booklet for
Hex(4714E1) contains.

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Color

Hex(4714E1)

Conversions

Conversions Part 1

Format	Color
Hex	4714E1
RGB	71, 20, 225
RGB Percent	28%, 8%, 88%
CMY	0.7216, 0.9216, 0.1176
CMYK	0.68, 0.91, 0.00, 0.12
HSL	255°, 84%, 48%
HSV	255°, 91%, 88%
XYZ	16.4393, 7.2761, 71.7722
YIQ	58.6190, -35.4090, 74.5670

Conversions

Conversions Part 2

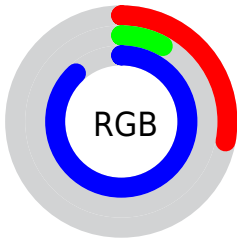
Format	Color
R_{YB}	71, 20, 225
Decimal	4658401
CIE Lab	32.43, 69.84, -90.56
CIE LCh	32, 114.366, 307.639
Yxy	7.2761, 0.1722, 0.0762
Android (android.graphics.Color)	4282848481 (0xFF4714E1)
YUV	58.6190, 82.0258, 10.8581
Hunter-Lab	26.9743, 61.5803, -138.8743

Details

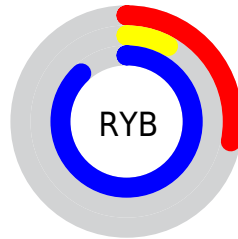
The Hex color **4714E1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **AEE114**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8D4FFF**, and **0000A8** is the 20% darker color. If you saturate the color by 10%, you get **3800E1**, and if you desaturate by 10%, it is **582BE1**.

Distribution



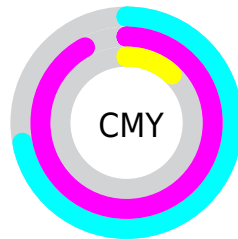
- Red (28%)
- Green (8%)
- Blue (88%)



- Red (28%)
- Yellow (8%)
- Blue (88%)



- Cyan (68%)
- Magenta (91%)
- Yellow (0%)
- Black (12%)



- Cyan (72%)
- Magenta (92%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4714E1 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 4714E1 by changing the saturation by 10% instead.

4714E1

4714E1

FFFFFF

0D00C4

8D4FFF

0000A8

AD6AFF

00008C

CC85FF

000072

ECA1FF

000C58

FFBDFF

000740

FFDAFF

000329

FFF7FF

000113

000000

■ 4714E1

■ 4714E1

■ 3800E1

■ 582BE1

■ 6941E1

■ 7A57E1

■ 8B6EE1

■ 9C84E1

■ AC9BE1

■ BDB2E1

■ CEC8E1

■ DFDEE1

Harmonies

Analogous

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



0058FF



4714E1



BE0093

Triad

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



4714E1



912500



006763

Complementary

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



4714E1



AEE114

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.



006500



4714E1



495100

Square

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



4714E1



C30000



006000



006ABC

Rectangle

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



4714E1



D60058



006000



006643

Sweetspot

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



4714E1



CBBAFF



14B1E1



615780



000000



808080

Same Dimension

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



4714E1



3F00FF



AA14E1



686570



2C00B0



0C0030

Inverse Universe

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



E114AE



FF00C0



4BE114



70656D



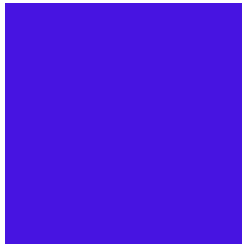
B00084



300024

Previews

White Background



This preview shows how the Hex color 4714E1 looks on a white background.

Color Contrast Check

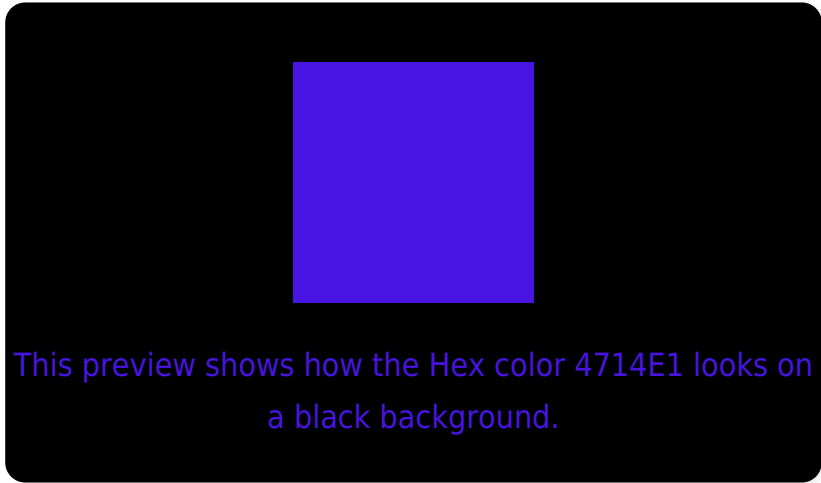
Large Text (above 18pt) WCAG AA ✓ Pass

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 4714E1 Background



This preview shows how black text looks on a background with the Hex color 4714E1.

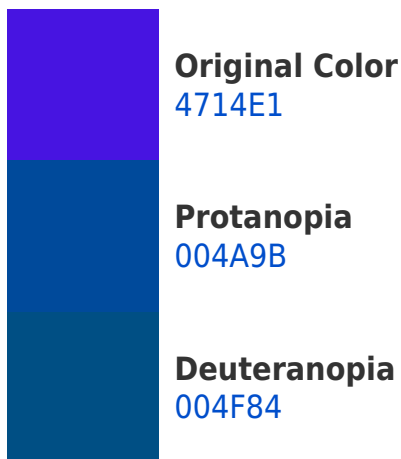


This preview shows how white text looks on a background with the Hex color 4714E1.

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
00555A

Trichromacy



Original Color
4714E1

Protanomaly
1A36B4

Deuteranomaly
1A3AA6

Tritanomaly
1A3D8B

Monochromacy



Original Color
4714E1

Achromatopsia
3B3B3B

Achromatomaly
3F2D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 4714E1 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 #4714E1 looks like.

```
.text, #text, p{  
    color:#4714E1  
}
```

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 #4714E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4714E1
}
```

Border

The CSS property to change the border of an element to Hex 4714E1 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
#4714E1 }
```

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

```
.border{ border-color:#4714E1 }
```

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

Here you see how a box with a 4 pixel #4714E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4714E1; -webkit-box-shadow:4px 4px  
4px 4px #4714E1; box-shadow:4px 4px 4px  
4px #4714E1 }
```

Background

The CSS property to change the background color of an element to Hex 4714E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4714E1 }
```

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

```
.background{ background-color:#4714E1 }
```

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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