

# Converting Colors

Hex(4632E2)

Have a look what the booklet for  
Hex(4632E2) contains.

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# Color

Hex(4632E2)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4632E2
RGB	70, 50, 226
RGB Percent	27%, 20%, 89%
CMY	0.7255, 0.8039, 0.1137
CMYK	0.69, 0.78, 0.00, 0.11
HSL	247°, 75%, 54%
HSV	247°, 78%, 89%
XYZ	17.3939, 9.0743, 72.7863
YIQ	76.0440, -44.5760, 58.9760

# Conversions

## Conversions Part 2

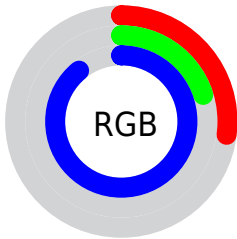
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	70, 50, 226
Decimal	4600546
CIE Lab	36.13, 59.19, -85.00
CIE LCh	36, 103.577, 304.850
Yxy	9.0743, 0.1752, 0.0914
Android (android.graphics.Color)	4282790626 (0xFF4632E2)
YUV	76.0440, 73.9283, -5.3006
Hunter-Lab	30.1235, 50.3528, -122.1734

# Details

The Hex color **4632E2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CEE232**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8B65FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **321BE2**, and if you desaturate by 10%, it is **5A49E2**.

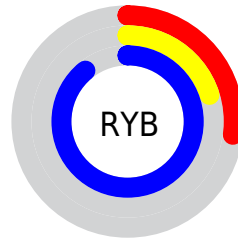
# Distribution



Red (27%)

Green (20%)

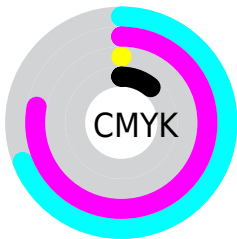
Blue (89%)



Red (27%)

Yellow (20%)

Blue (89%)

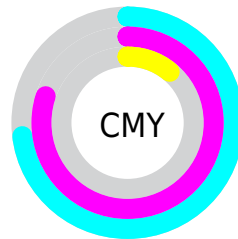


Cyan (69%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (80%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4632E2 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 4632E2 by changing the saturation by 10% instead.



 4632E2

 4632E2

FFFFFF

 0E18C5

 8B65FF

 0000A9

 AA7FFF

 00008E

 C99AFF

 000073

 E9B5FF

 000D59

 FFD1FF

 000741

 FFEEFF

 00032A

 000114

 000000

■ 4632E2

■ 4632E2

■ 321BE2

■ 5A49E2

■ 1E05E2

■ 6E5FE2

■ 1A00E2

■ 8276E2

■ 968CE2

■ AAA3E2

■ BEBAE2

■ D2D0E2

■ E6E7E2

■ FAFDE2

# Harmonies

## Analogous

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



0060FF



4632E2



BA009E

# Triad

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



4632E2



9D2E00



007061

# Complementary

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



4632E2



CEE232

# 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.



006D00



4632E2



5D5700

# Square

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



4632E2



CA0000



006700



0072B4

# Rectangle

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



4632E2



D50067



006700



006F44



# Sweetspot

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



4632E2



CBC4FF



32D0E2



605C80



000000



808080



# Same Dimension

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



4632E2



2D12FF



9C32E2



666570



1400B0



060030



# Inverse Universe

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



E232CE



FF12E4



78E232



70656F



B0009C

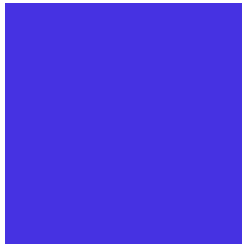


30002B



# Previews

## White Background



This preview shows how the Hex color 4632E2 looks on a white background.

## Color Contrast Check

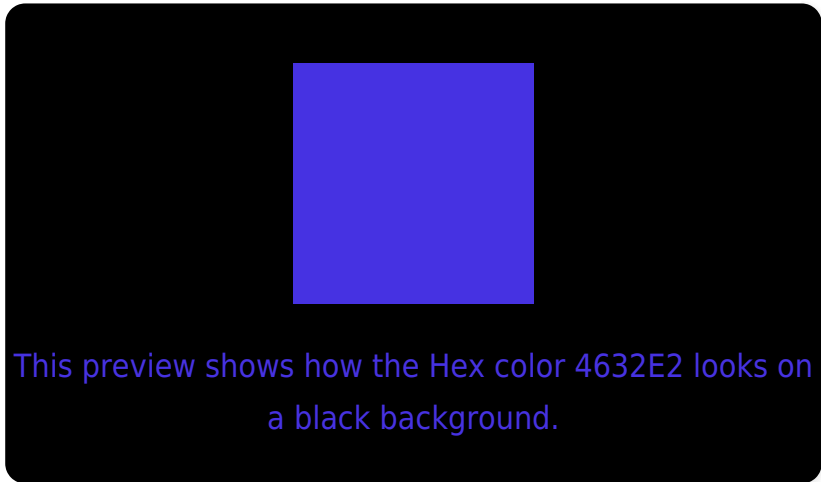
Large Text (above 18pt) WCAG AA ✓ Pass

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

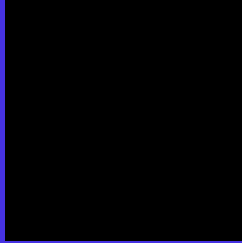
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4632E2 Background



This preview shows how black text looks on a background with the Hex color 4632E2.

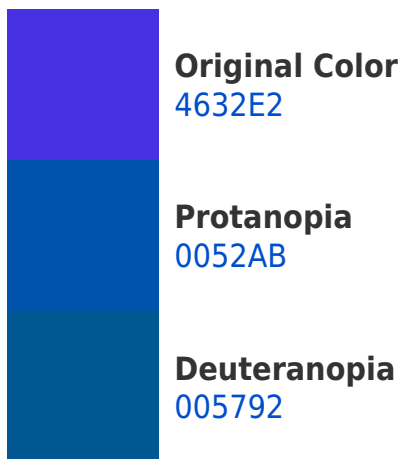


This preview shows how white text looks on a background with the Hex color 4632E2.

# 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**  
005E64

# Trichromacy



**Original Color**  
4632E2

**Protanomaly**  
1946BF

**Deuteranomaly**  
194AAF

**Tritanomaly**  
194E92

# Monochromacy



**Original Color**  
4632E2

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4A4383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4632E2 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 #4632E2 looks like.

```
.text, #text, p{  
    color:#4632E2  
}
```

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 #4632E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4632E2
}
```

## Border

The CSS property to change the border of an element to Hex 4632E2 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
#4632E2 }
```

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

```
.border{ border-color:#4632E2 }
```

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

Here you see how a box with a 4 pixel #4632E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4632E2; -webkit-box-shadow:4px 4px  
4px 4px #4632E2; box-shadow:4px 4px 4px  
4px #4632E2 }
```

# Background

The CSS property to change the background color of an element to Hex 4632E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4632E2 }
```

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

```
.background{ background-color:#4632E2 }
```

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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