

Converting Colors

Hex(464BE4)

Have a look what the booklet for
Hex(464BE4) contains.

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Color

Hex(464BE4)

Conversions

Conversions Part 1

Format	Color
Hex	464BE4
RGB	70, 75, 228
RGB Percent	27%, 29%, 89%
CMY	0.7255, 0.7059, 0.1059
CMYK	0.69, 0.67, 0.00, 0.11
HSL	238°, 75%, 58%
HSV	238°, 69%, 89%
XYZ	19.0455, 11.9357, 74.6988
YIQ	90.9470, -52.0930, 46.5230

Conversions

Conversions Part 2

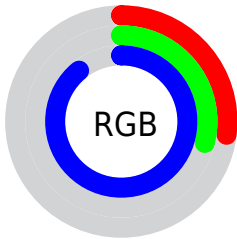
Format	Color
R_{YB}	70, 75, 228
Decimal	4606948
CIE _{Lab}	41.11, 46.41, -77.92
CIE _{LCh}	41, 90.693, 300.776
Yxy	11.9357, 0.1802, 0.1129
Android (android.graphics.Color)	4282797028 (0xFF464BE4)
YUV	90.9470, 67.5671, -18.3705
Hunter-Lab	34.5481, 37.9434, -104.0115

Details

The Hex color **464BE4** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **E4DF46**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **897DFF**, and **001EAB** is the 20% darker color. If you saturate the color by 10%, you get **2F35E4**, and if you desaturate by 10%, it is **5D61E4**.

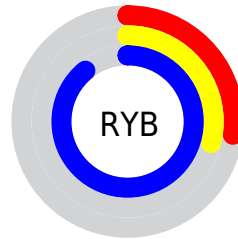
Distribution



Red (27%)

Green (29%)

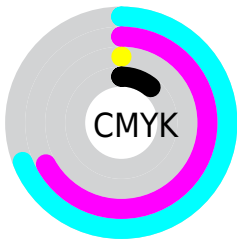
Blue (89%)



Red (27%)

Yellow (29%)

Blue (89%)

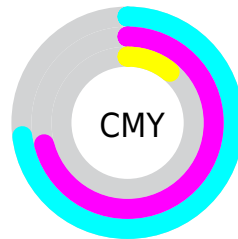


Cyan (69%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (71%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464BE4 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 464BE4 by changing the saturation by 10% instead.

 464BE4

 464BE4

FFFFFF

 1234C7

 897DFF

 001EAB

 A897FF

 000990

 C7B2FF

 000075

 E6CDFF


 00075B

 FFEAFF

 000743

 00032C

 000116

 000000

■ 464BE4

■ 464BE4

■ 2F35E4

■ 5D61E4

■ 181FE4

■ 7477E4

■ 0209E4

■ 8A8DE4

■ 0007E4

■ A1A3E4

■ B8B9E4

■ CFCFE4

■ E6E6E4

■ FCFCE4

■ FFFFE4

Harmonies

Analogous

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



006CFA



464BE4



B600AB

Triad

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



464BE4



AD3B00



007C61

Complementary

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



464BE4



E4DF46

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.



007902



464BE4



755F00

Square

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



464BE4



D2001A



1E7100



007DAC

Rectangle

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



464BE4



D3007B



1E7100



007B47

Sweetspot

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



464BE4



C9CBFF



46E4DF



606180



000000



808080

Same Dimension

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



464BE4



2B32FF



9046E4



676873



0006B3



000233

Inverse Universe

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



E4464B



FF2B32



9AE446



736768



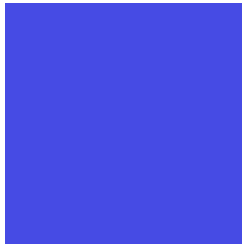
B30006



330002

Previews

White Background



This preview shows how the Hex color 464BE4 looks on a white background.

Color Contrast Check

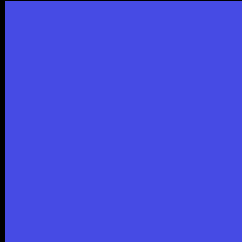
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 464BE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

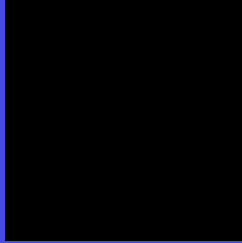
Any Text WCAG AA × Fail

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 464BE4 Background



This preview shows how black text looks on a background with the Hex color 464BE4.



This preview shows how white text looks on a background with the Hex color 464BE4.

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](#).

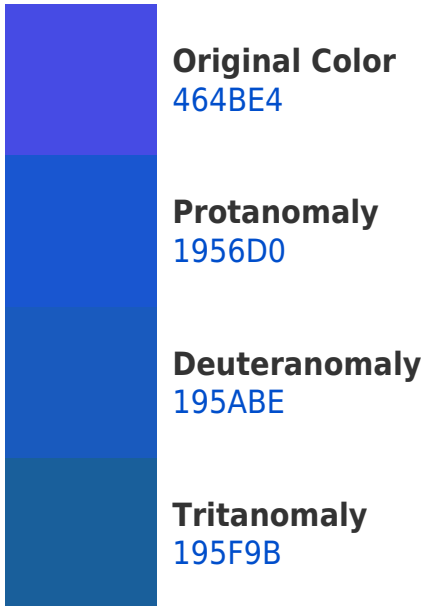
Dichromacy





Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 464BE4 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 #464BE4 looks like.

```
.text, #text, p{  
    color:#464BE4  
}
```

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 #464BE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464BE4
}
```

Border

The CSS property to change the border of an element to Hex 464BE4 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
#464BE4 }
```

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

```
.border{ border-color:#464BE4 }
```

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

Here you see how a box with a 4 pixel #464BE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464BE4; -webkit-box-shadow:4px 4px  
4px 4px #464BE4; box-shadow:4px 4px 4px  
4px #464BE4 }
```

Background

The CSS property to change the background color of an element to Hex 464BE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464BE4 }
```

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

```
.background{ background-color:#464BE4 }
```

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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