

Converting Colors

Hex(4F3BE2)

Have a look what the booklet for
Hex(4F3BE2) contains.

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Color

Hex(4F3BE2)

Conversions

Conversions Part 1

Format	Color
Hex	4F3BE2
RGB	79, 59, 226
RGB Percent	31%, 23%, 89%
CMY	0.6902, 0.7686, 0.1137
CMYK	0.65, 0.74, 0.00, 0.11
HSL	247°, 74%, 56%
HSV	247°, 74%, 89%
XYZ	18.5159, 10.2812, 72.9601
YIQ	84.0180, -41.6870, 56.1770

Conversions

Conversions Part 2

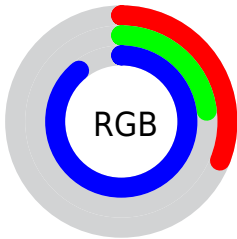
Format	Color
R _Y B	79, 59, 226
Decimal	5192674
CIE Lab	38.34, 55.61, -81.32
CIE LCh	38, 98.518, 304.368
Yxy	10.2812, 0.1820, 0.1010
Android (android.graphics.Color)	4283382754 (0xFF4F3BE2)
YUV	84.0180, 69.9971, -4.4008
Hunter-Lab	32.0643, 46.9644, -112.4653

Details

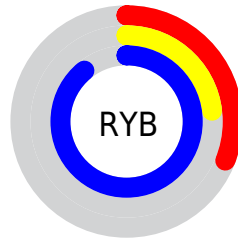
The Hex color **4F3BE2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CEE23B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **916DFF**, and **0007A9** is the 20% darker color. If you saturate the color by 10%, you get **3B24E2**, and if you desaturate by 10%, it is **6352E2**.

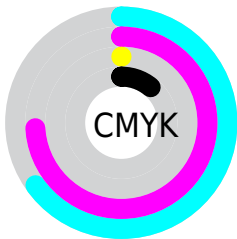
Distribution



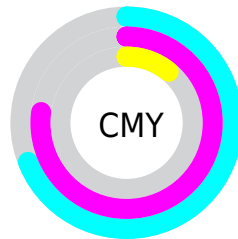
- Red (31%)
- Green (23%)
- Blue (89%)



- Red (31%)
- Yellow (23%)
- Blue (89%)



- Cyan (65%)
- Magenta (74%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (77%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F3BE2 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 4F3BE2 by changing the saturation by 10% instead.

 4F3BE2

 4F3BE2

FFFFFF

 2422C5

 916DFF

 0007A9

 B088FF

 00008E

 CFA2FF

 000073

 EEBEFF

 000959

 FFDAFF

 000741

 FFF7FF

 00032A

 000114

 000000

 4F3BE2

 4F3BE2

 3B24E2

 6352E2

 270EE2

 7768E2

 1B00E2

 8B7FE2

 9F95E2

 B2ACE2

 C6C3E2

 DAD9E2

 EEF0E2

 FFFFE2

Harmonies

Analogous

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



0064FF



4F3BE2



BC00A1

Triad

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



4F3BE2



A33600



007665

Complementary

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



4F3BE2



CEE23B

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.



007300



4F3BE2



655C00

Square

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



4F3BE2



CD0000



006C00



0077B5

Rectangle

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



4F3BE2



D6006D



006C00



007548

Sweetspot

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



4F3BE2



CEC7FF



3BCFE2



625E80



000000



808080

Same Dimension

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



4F3BE2



371CFF



A23BE2



666570



1500B0



060030

Inverse Universe

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



E23BCE



FF1CE4



7BE23B



70656F



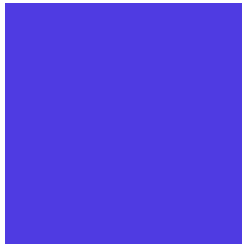
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 4F3BE2 looks on a white background.

Color Contrast Check

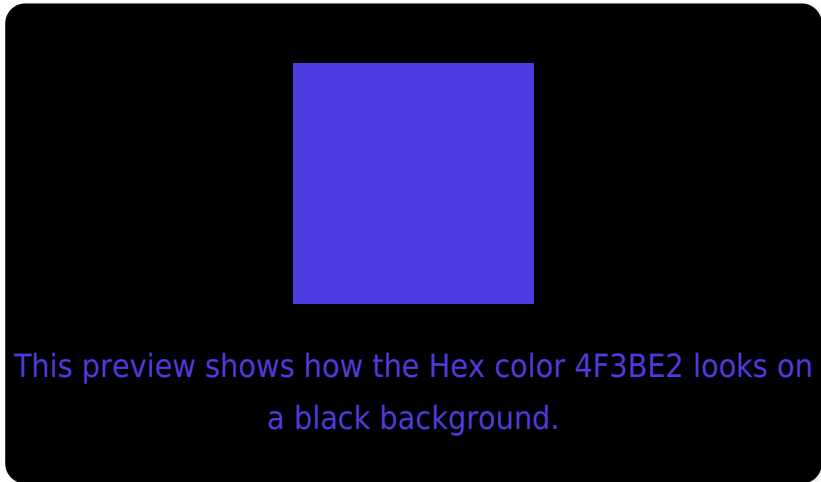
Large Text (above 18pt) WCAG AA ✓ Pass

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

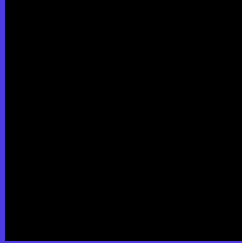
Any Text WCAG AA × Fail

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 4F3BE2 Background



This preview shows how black text looks on a background with the Hex color 4F3BE2.

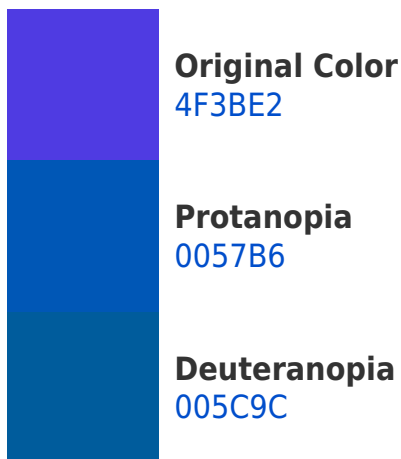


This preview shows how white text looks on a background with the Hex color 4F3BE2.

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](#).

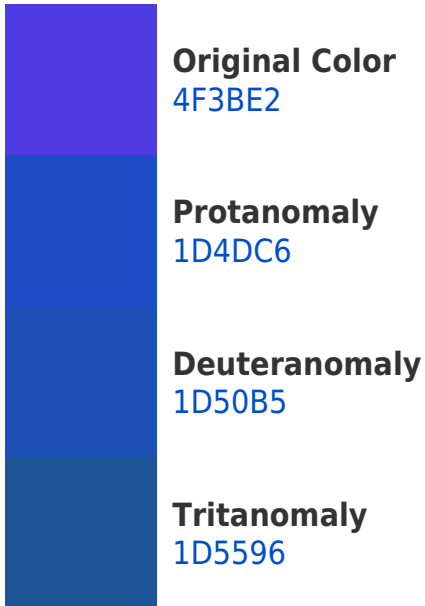
Dichromacy





Tritanopia
00646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F3BE2 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 #4F3BE2 looks like.

```
.text, #text, p{  
    color:#4F3BE2  
}
```

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 #4F3BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3BE2
}
```

Border

The CSS property to change the border of an element to Hex 4F3BE2 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
#4F3BE2 }
```

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

```
.border{ border-color:#4F3BE2 }
```

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

Here you see how a box with a 4 pixel #4F3BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3BE2; -webkit-box-shadow:4px 4px  
4px 4px #4F3BE2; box-shadow:4px 4px 4px  
4px #4F3BE2 }
```

Background

The CSS property to change the background color of an element to Hex 4F3BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3BE2 }
```

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

```
.background{ background-color:#4F3BE2 }
```

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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