

Converting Colors

Hex(4F4DE1)

Have a look what the booklet for
Hex(4F4DE1) contains.

Hex(4F4DE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F4DE1)

Conversions

Conversions Part 1

Format	Color
Hex	4F4DE1
RGB	79, 77, 225
RGB Percent	31%, 30%, 88%
CMY	0.6902, 0.6980, 0.1176
CMYK	0.65, 0.66, 0.00, 0.12
HSL	241°, 71%, 59%
HSV	241°, 66%, 88%
XYZ	19.4689, 12.4063, 72.6027
YIQ	94.4700, -46.3160, 46.4520

Conversions

Conversions Part 2

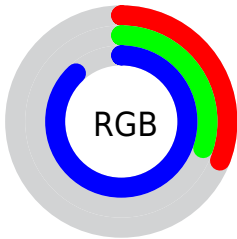
Format	Color
R _Y B	79, 77, 225
Decimal	5197281
CIE Lab	41.85, 45.37, -74.98
CIE LCh	42, 87.634, 301.176
Yxy	12.4063, 0.1863, 0.1187
Android (android.graphics.Color)	4283387361 (0xFF4F4DE1)
YUV	94.4700, 64.3513, -13.5672
Hunter-Lab	35.2225, 37.0249, -97.5562

Details

The Hex color **4F4DE1** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **DFE14D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8F7FFF**, and **001FA8** is the 20% darker color. If you saturate the color by 10%, you get **3937E1**, and if you desaturate by 10%, it is **6564E1**.

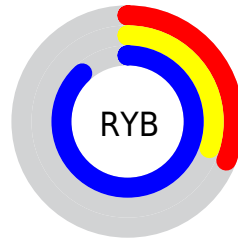
Distribution



Red (31%)

Green (30%)

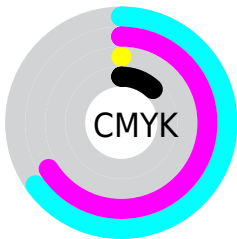
Blue (88%)



Red (31%)

Yellow (30%)

Blue (88%)

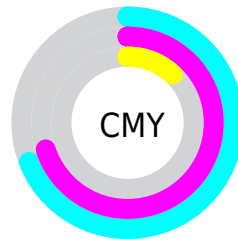


Cyan (65%)

Magenta (66%)

Yellow (0%)

Black (12%)



Cyan (69%)

Magenta (70%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F4DE1 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 4F4DE1 by changing the saturation by 10% instead.

 4F4DE1

 4F4DE1

FFFFFF

 2636C4

 8F7FFF

 001FA8

 AE99FF

 000A8D

 CDB4FF

 000073

 EBD0FF

 000559

 FFECFF

 000741

 00032A

 000114

 000000

■ 4F4DE1

■ 4F4DE1

■ 3937E1

■ 6564E1

■ 2320E1

■ 7B7AE1

■ 0C0AE1

■ 9291E1

■ 0300E1

■ A8A7E1

■ BEBEE1

■ D4D4E1

■ EAEBE1

■ FFFFE1

Harmonies

Analogous

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



006DF7



4F4DE1



B600AA

Triad

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



4F4DE1



AD3F00



007E64

Complementary

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



4F4DE1



DFE14D

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.



007A0E



4F4DE1



776200

Square

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



4F4DE1



D1001D



257300



007FAD

Rectangle

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



4F4DE1



D2007B



257300



007D4A

Sweetspot

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



4F4DE1



CDCCFF



4DE1E1



616180



000000



808080

Same Dimension

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



4F4DE1



3836FF



974DE1



656570



0200B0



010030

Inverse Universe

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



E14DDF



FF36FC



97E14D



706570



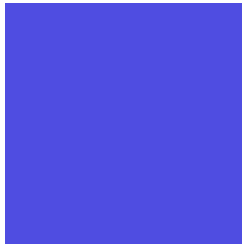
B000AE



300030

Previews

White Background



This preview shows how the Hex color 4F4DE1 looks on a white background.

Color Contrast Check

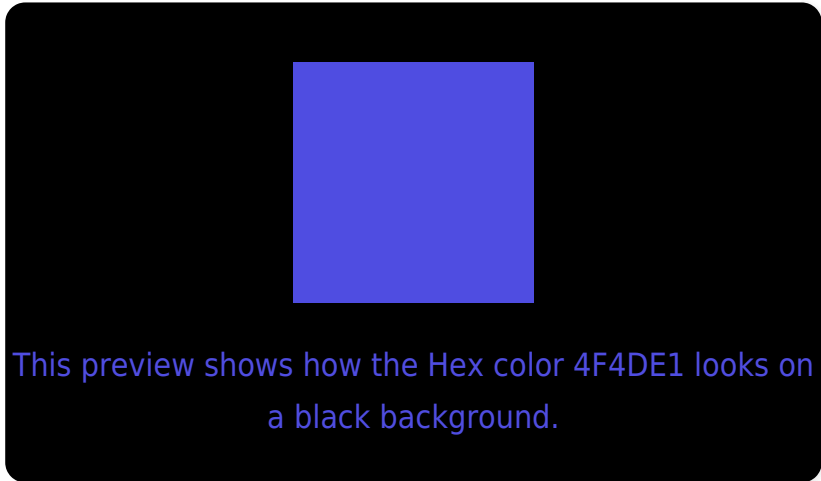
Large Text (above 18pt) WCAG AA ✓ Pass

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

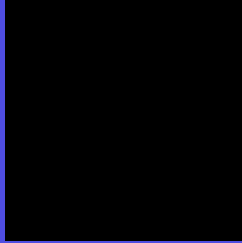
Any Text WCAG AA × Fail

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 4F4DE1 Background



This preview shows how black text looks on a background with the Hex color 4F4DE1.

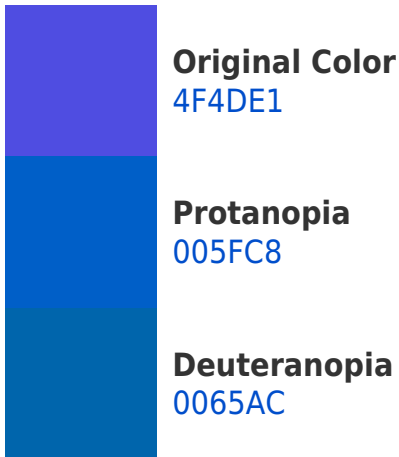


This preview shows how white text looks on a background with the Hex color 4F4DE1.

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](#).

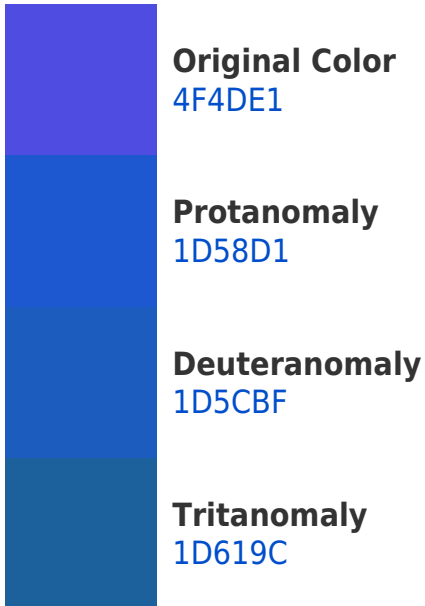
Dichromacy



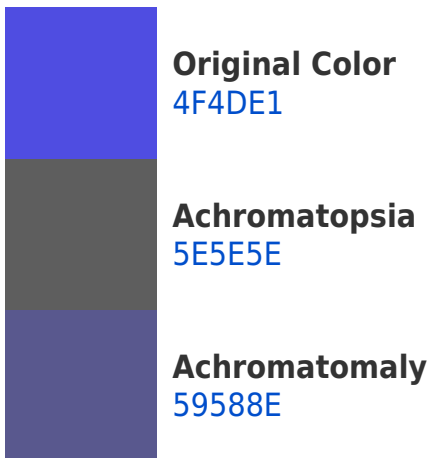


Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4F4DE1 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 #4F4DE1 looks like.

```
.text, #text, p{  
    color:#4F4DE1  
}
```

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 #4F4DE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4DE1
}
```

Border

The CSS property to change the border of an element to Hex 4F4DE1 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
#4F4DE1 }
```

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

```
.border{ border-color:#4F4DE1 }
```

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

Here you see how a box with a 4 pixel #4F4DE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4DE1; -webkit-box-shadow:4px 4px  
4px 4px #4F4DE1; box-shadow:4px 4px 4px  
4px #4F4DE1 }
```

Background

The CSS property to change the background color of an element to Hex 4F4DE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4DE1 }
```

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

```
.background{ background-color:#4F4DE1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor