

# Converting Colors

Hex(485DE8)

Have a look what the booklet for  
Hex(485DE8) contains.

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# Color

**Hex(485DE8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	485DE8
RGB	72, 93, 232
RGB Percent	28%, 36%, 91%
CMY	0.7176, 0.6353, 0.0902
CMYK	0.69, 0.60, 0.00, 0.09
HSL	232°, 78%, 60%
HSV	232°, 69%, 91%
XYZ	21.1523, 15.0326, 78.1307
YIQ	102.5670, -57.1350, 38.7770

# Conversions

## Conversions Part 2

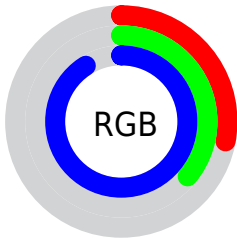
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 91, 232
Decimal	4742632
CIE <sub>Lab</sub>	45.68, 37.14, -72.71
CIE <sub>LCh</sub>	46, 81.649, 297.060
Yxy	15.0326, 0.1850, 0.1315
Android (android.graphics.Color)	4282932712 (0xFF485DE8)
YUV	102.5670, 63.8105, -26.8073
Hunter-Lab	38.7719, 29.5312, -92.3370

# Details

The Hex color **485DE8** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **E8D348**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8A8FFF**, and **0030AF** is the 20% darker color. If you saturate the color by 10%, you get **3149E8**, and if you desaturate by 10%, it is **5F71E8**.

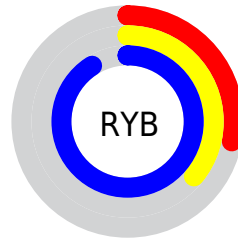
# Distribution



Red (28%)

Green (36%)

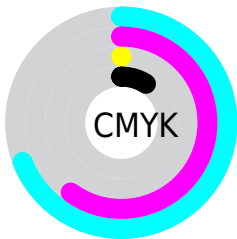
Blue (91%)



Red (28%)

Yellow (36%)

Blue (91%)

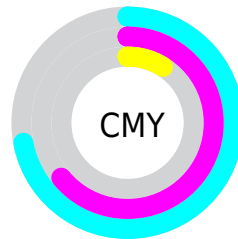


Cyan (69%)

Magenta (60%)

Yellow (0%)

Black (9%)



Cyan (72%)

Magenta (64%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 485DE8 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 485DE8 by changing the saturation by 10% instead.



 485DE8

 485DE8

FFFFFF

 1846CB

 8A8FFF

 0030AF

 A9AAFF

 001B94

 C8C5FF

 000A79

 E7E1FF

 00005F

FFFEFF

 000847

 00042F

 000119

 000000

■ 485DE8

■ 485DE8

■ 3149E8

■ 5F71E8

■ 1A35E8

■ 7685E8

■ 0221E8

■ 8E99E8

■ 001EE8

■ A5AEE8

■ BCC2E8

■ D3D6E8

■ EAEAE8

■ FFFEE8

■ FFFFEE8

# Harmonies

## Analogous

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



0078F7



485DE8



B42DB8

# Triad

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



485DE8



BC4700



008763

# Complementary

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



485DE8



E8D348

# 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.



008314



485DE8



8A6700

# Square

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



485DE8



DA0033



467A00



0088A9

# Rectangle

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



485DE8



D3008D



467A00



00864B



# Sweetspot

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



485DE8



C9D0FF



48E8D3



606480



000000



808080



# Same Dimension

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



485DE8



2B47FF



8348E8



676973



0017B3



000733



# Inverse Universe

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



E8485D



FF2B47



ADE848



736769



B30017

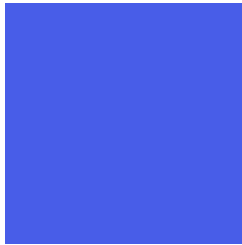


330007



# Previews

## White Background



This preview shows how the Hex color 485DE8 looks on a white background.

## Color Contrast Check

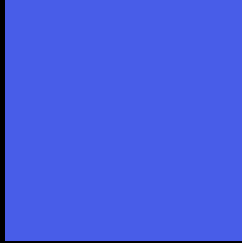
Large Text (above 18pt) WCAG AA ✓ Pass

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 485DE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

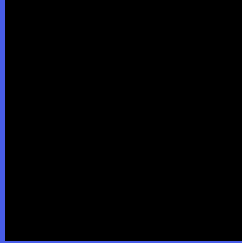
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 485DE8 Background



This preview shows how black text looks on a background with the Hex color 485DE8.



This preview shows how white text looks on a background with the Hex color 485DE8.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 485DE8 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 #485DE8 looks like.

```
.text, #text, p{  
    color:#485DE8  
}
```

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 #485DE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485DE8  
}
```

## Border

The CSS property to change the border of an element to Hex 485DE8 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  
#485DE8 }
```

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

```
.border{ border-color:#485DE8 }
```

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

Here you see how a box with a 4 pixel #485DE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485DE8; -webkit-box-shadow:4px 4px  
4px 4px #485DE8; box-shadow:4px 4px 4px  
4px #485DE8 }
```

# Background

The CSS property to change the background color of an element to Hex 485DE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485DE8 }
```

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

```
.background{ background-color:#485DE8 }
```

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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