

Converting Colors

Hex(485996)

Have a look what the booklet for
Hex(485996) contains.

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Color

Hex(485996)

Conversions

Conversions Part 1

Format	Color
Hex	485996
RGB	72, 89, 150
RGB Percent	28%, 35%, 59%
CMY	0.7176, 0.6510, 0.4118
CMYK	0.52, 0.41, 0.00, 0.41
HSL	227°, 35%, 44%
HSV	227°, 52%, 59%
XYZ	11.7499, 10.7245, 30.3049
YIQ	90.8710, -29.7130, 15.3670

Conversions

Conversions Part 2

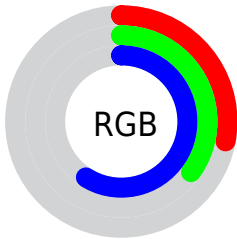
Format	Color
R_{YB}	72, 86, 150
Decimal	4741526
CIE _{Lab}	39.11, 11.52, -35.56
CIE _{LCh}	39, 37.380, 287.956
Yxy	10.7245, 0.2226, 0.2032
Android (android.graphics.Color)	4282931606 (0xFF485996)
YUV	90.8710, 29.1506, -16.5499
Hunter-Lab	32.7483, 6.7353, -31.9426

Details

The Hex color **485996** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **968548**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7D8BCD**, and **0C2C63** is the 20% darker color. If you saturate the color by 10%, you get **394D96**, and if you desaturate by 10%, it is **576596**.

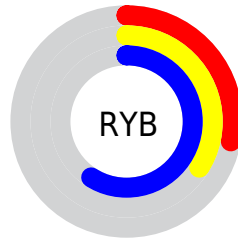
Distribution



Red (28%)

Green (35%)

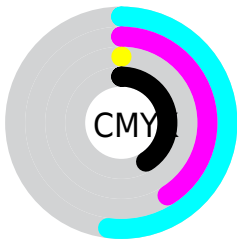
Blue (59%)



Red (28%)

Yellow (34%)

Blue (59%)

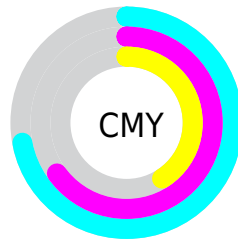


Cyan (52%)

Magenta (41%)

Yellow (0%)

Black (41%)



Cyan (72%)

Magenta (65%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 485996 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 485996 by changing the saturation by 10% instead.

■ 485996

■ 485996

FFFFFF

■ 2D427C

■ 7D8BCD

■ 0C2C63

■ 99A5E9

■ 00184A

■ B4C0FF

■ 000034

■ D1DCFF

■ 00021D

■ EE88FF

■ 000000

■ 485996

■ 485996

■ 394D96

■ 576596

■ 2A4296

■ 667096

■ 1B3696

■ 757C96

■ 0C2A96

■ 848896

■ 002196

■ 939496

■ A29F96

■ B1AB96

■ C0B796

■ CFC396

Harmonies

Analogous

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



006397



485996



754D85

Triad

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



485996



8C4B30



006A4E

Complementary

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



485996



968548

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.



386732



485996



77561E

Square

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



485996



94424B



5B601E



006B6E

Rectangle

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



485996



874574



5B601E



0F6944

Sweetspot

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



485996



A3AAC2



489684



4E5361



E0E0E0



616161

Same Dimension

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



485996



4A64C2



5D4896



43444A



001E8A



00020A

Inverse Universe

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



964859



C24A64



819648



4A4344



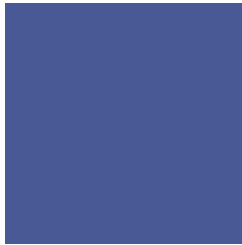
8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 485996 looks on a white background.

Color Contrast Check

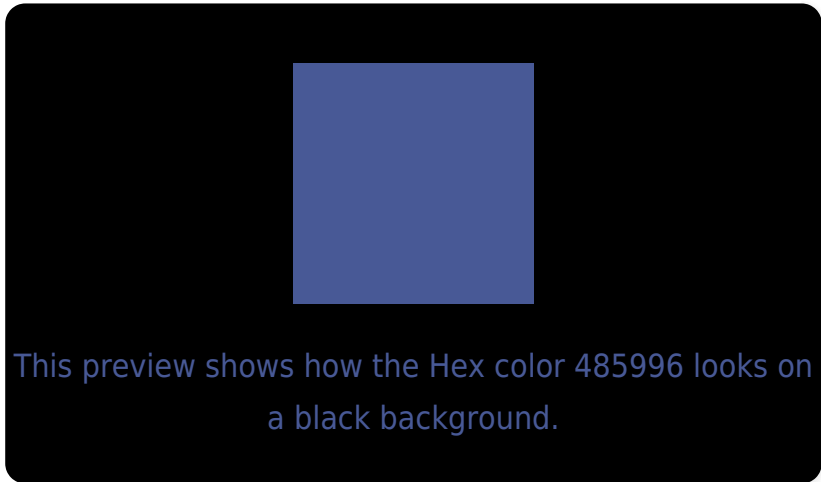
Large Text (above 18pt) WCAG AA ✓ Pass

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

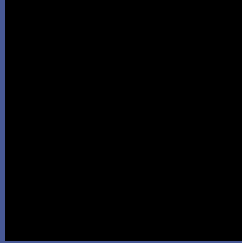
Any Text WCAG AA × Fail

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 485996 Background



This preview shows how black text looks on a background with the Hex color 485996.



This preview shows how white text looks on a background with the Hex color 485996.

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



Original Color


485996

Protanopia

435A97

Deuteranopia

395C95



Tritanopia
39626A

Trichromacy



Original Color
485996

Protanomaly
455A97

Deuteranomaly
3E5B95

Tritanomaly
3E5F7A

Monochromacy



Original Color
485996

Achromatopsia
5B5B5B

Achromatomaly
545A70

CSS Examples

Text

The CSS property to change the color of the text to Hex 485996 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 #485996 looks like.

```
.text, #text, p{  
    color:#485996  
}
```

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 #485996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #485996
}
```

Border

The CSS property to change the border of an element to Hex 485996 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
#485996 }
```

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

```
.border{ border-color:#485996 }
```

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

Here you see how a box with a 4 pixel #485996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #485996; -webkit-box-shadow:4px 4px  
4px 4px #485996; box-shadow:4px 4px 4px  
4px #485996 }
```

Background

The CSS property to change the background color of an element to Hex 485996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#485996 }
```

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

```
.background{ background-color:#485996 }
```

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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