

Converting Colors

Hex(465A8D)

Have a look what the booklet for
Hex(465A8D) contains.

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Color

Hex(465A8D)

Conversions

Conversions Part 1

Format	Color
Hex	465A8D
RGB	70, 90, 141
RGB Percent	27%, 35%, 55%
CMY	0.7255, 0.6471, 0.4471
CMYK	0.50, 0.36, 0.00, 0.45
HSL	223°, 34%, 41%
HSV	223°, 50%, 55%
XYZ	10.9897, 10.5375, 26.6540
YIQ	89.8340, -28.2910, 11.6210

Conversions

Conversions Part 2

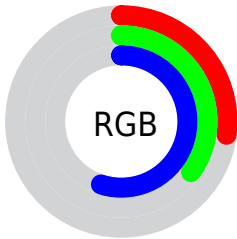
Format	Color
RYB	70, 86, 141
Decimal	4610701
CIELab	38.79, 7.42, -30.65
CIELCh	39, 31.531, 283.612
Yxy	10.5375, 0.2281, 0.2187
Android (android.graphics.Color)	4282800781 (0xFF465A8D)
YUV	89.8340, 25.2248, -17.3944
Hunter-Lab	32.4615, 3.6225, -25.9597

Details

The Hex color **465A8D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D7946**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7A8CC3**, and **0D2D5A** is the 20% darker color. If you saturate the color by 10%, you get **38508D**, and if you desaturate by 10%, it is **54648D**.

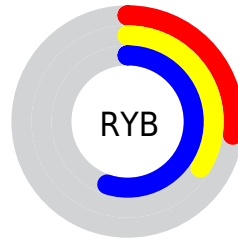
Distribution



Red (27%)

Green (35%)

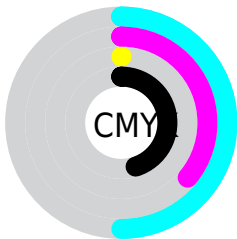
Blue (55%)



Red (27%)

Yellow (34%)

Blue (55%)

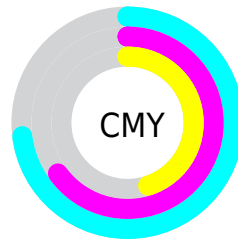


Cyan (50%)

Magenta (36%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A8D 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 465A8D by changing the saturation by 10% instead.

■ 465A8D

■ 465A8D

FFFFFF

■ 2C4373

■ 7A8CC3

■ 0D2D5A

■ 95A6DF

■ 001943

■ B1C1FC

■ 00022C

■ CDDDFE

■ 000117

■ EAFAFF

■ 000000

■ 465A8D

■ 465A8D

■ 38508D

■ 54648D

■ 2A468D

■ 626E8D

■ 1C3C8D

■ 70788D

■ 0E318D

■ 7E838D

■ 00288D

■ 8D8D8D

■ 9B978D

■ A9A18D

■ B7AB8D

■ C5B58D

Harmonies

Analogous

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



00628C



465A8D



6C5081

Triad

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



465A8D



864C39



1A674C

Complementary

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



465A8D



8D7946

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.



436435



465A8D



76552A

Square

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



465A8D



8C4651



5F5E28



006867

Rectangle

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



465A8D



7E4A73



5F5E28



2B6744

Sweetspot

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



465A8D



9CA4B8



468D79



4B505C



DBDBDB



5C5C5C

Same Dimension

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



465A8D



4968B8



55468D



404247



002687



000208

Inverse Universe

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



8D465A



B84968



7E8D46



474042



870026



080002

Previews

White Background



This preview shows how the Hex color 465A8D looks on a white background.

Color Contrast Check

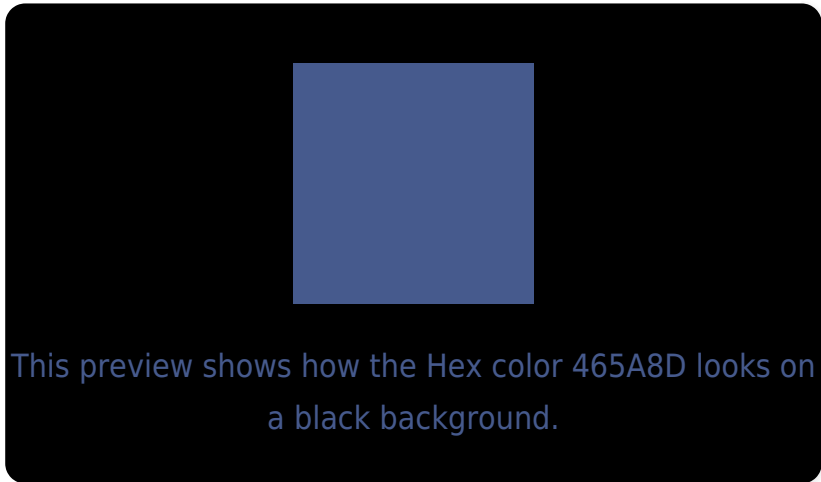
Large Text (above 18pt) WCAG AA ✓ Pass

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

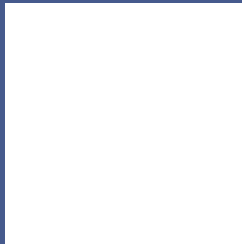
Any Text WCAG AAA × Fail

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

Hex 465A8D Background



This preview shows how black text looks on a background with the Hex color 465A8D.



This preview shows how white text looks on a background with the Hex color 465A8D.

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
465A8D

Protanopia
49598D

Deuteranopia
425B8D



Tritanopia
3A6169

Trichromacy



Original Color
465A8D

Protanomaly
48598D

Deuteranomaly
435B8D

Tritanomaly
3E5E76

Monochromacy



Original Color
465A8D

Achromatopsia
5A5A5A

Achromatomaly
535A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A8D 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 #465A8D looks like.

```
.text, #text, p{  
    color:#465A8D  
}
```

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 #465A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A8D
}
```

Border

The CSS property to change the border of an element to Hex 465A8D 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
#465A8D }
```

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

```
.border{ border-color:#465A8D }
```

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

Here you see how a box with a 4 pixel #465A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A8D; -webkit-box-shadow:4px 4px  
4px 4px #465A8D; box-shadow:4px 4px 4px  
4px #465A8D }
```

Background

The CSS property to change the background color of an element to Hex 465A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A8D }
```

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

```
.background{ background-color:#465A8D }
```

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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