

Converting Colors

Hex(465A8B)

Have a look what the booklet for
Hex(465A8B) contains.

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Color

Hex(465A8B)

Conversions

Conversions Part 1

Format	Color
Hex	465A8B
RGB	70, 90, 139
RGB Percent	27%, 35%, 55%
CMY	0.7255, 0.6471, 0.4549
CMYK	0.50, 0.35, 0.00, 0.45
HSL	223°, 33%, 41%
HSV	223°, 50%, 55%
XYZ	10.8422, 10.4785, 25.8772
YIQ	89.6060, -27.6490, 10.9990

Conversions

Conversions Part 2

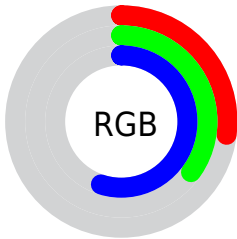
Format	Color
R_{YB}	70, 86, 139
Decimal	4610699
CIE _{Lab}	38.69, 6.77, -29.59
CIE _{LCh}	39, 30.359, 282.880
Yxy	10.4785, 0.2297, 0.2220
Android (android.graphics.Color)	4282800779 (0xFF465A8B)
YUV	89.6060, 24.3512, -17.1945
Hunter-Lab	32.3705, 3.1382, -24.7375

Details

The Hex color **465A8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B7746**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A8CC1**, and **0E2D59** is the 20% darker color. If you saturate the color by 10%, you get **38508B**, and if you desaturate by 10%, it is **54648B**.

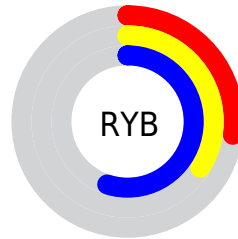
Distribution



Red (27%)

Green (35%)

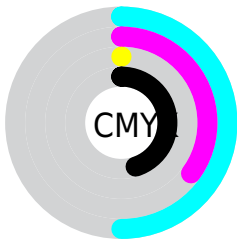
Blue (55%)



Red (27%)

Yellow (34%)

Blue (55%)

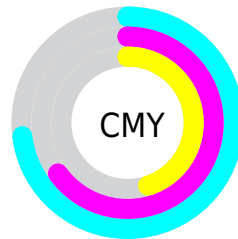


Cyan (50%)

Magenta (35%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465A8B 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 465A8B by changing the saturation by 10% instead.

■ 465A8B

■ 465A8B

FFFFFF

■ 2C4371

■ 7A8CC1

■ 0E2D59

■ 95A6DD

■ 001941

■ B1C1F9

■ 00022B

■ CDDDFE

■ 000115

■ E9FAFF

■ 000000

■ 465A8B

■ 465A8B

■ 38508B

■ 54648B

■ 2A468B

■ 626E8B

■ 1C3C8B

■ 70788B

■ 0E338B

■ 7E818B

■ 01298B

■ 8B8B8B

■ 00288B

■ 99958B

■ A79F8B

■ B5A98B

■ C3B38B

Harmonies

Analogous

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



00628A



465A8B



6B517F

Triad

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



465A8B



854C3B



20674C

Complementary

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



465A8B



8B7746

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.



456336



465A8B



76552C

Square

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



465A8B



8A4751



605D2A



006865

Rectangle

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



465A8B



7C4B72



605D2A



2E6644

Sweetspot

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



465A8B



9AA2B5



468B76



4B505C



DBDBDB



5C5C5C

Same Dimension

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



465A8B



4868B5



54468B



3E4045



002685



000105

Inverse Universe

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



8B465A



B54868



7D8B46



453E40



850026



050001

Previews

White Background



This preview shows how the Hex color 465A8B looks on a white background.

Color Contrast Check

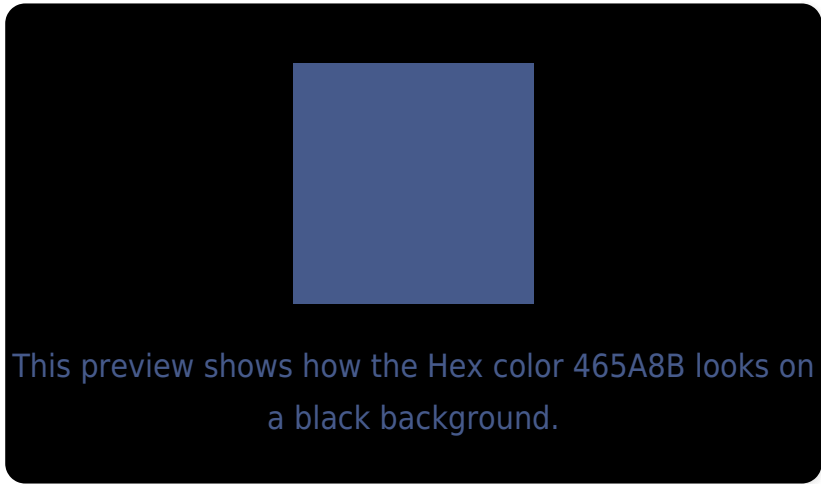
Large Text (above 18pt) WCAG AA ✓ Pass

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 465A8B Background



This preview shows how black text looks on a background with the Hex color 465A8B.



This preview shows how white text looks on a background with the Hex color 465A8B.

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

465A8B

Protanopia

4A598A

Deuteranopia

435B8B



Tritanopia
3B6169

Trichromacy



Original Color
465A8B

Protanomaly
49598A

Deuteranomaly
445B8B

Tritanomaly
3F5E75

Monochromacy



Original Color
465A8B

Achromatopsia
5A5A5A

Achromatomaly
535A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 465A8B 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 #465A8B looks like.

```
.text, #text, p{  
    color:#465A8B  
}
```

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 #465A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465A8B
}
```

Border

The CSS property to change the border of an element to Hex 465A8B 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
#465A8B }
```

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

```
.border{ border-color:#465A8B }
```

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

Here you see how a box with a 4 pixel #465A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465A8B; -webkit-box-shadow:4px 4px  
4px 4px #465A8B; box-shadow:4px 4px 4px  
4px #465A8B }
```

Background

The CSS property to change the background color of an element to Hex 465A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465A8B }
```

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

```
.background{ background-color:#465A8B }
```

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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