

Converting Colors

Hex(445B8C)

Have a look what the booklet for
Hex(445B8C) contains.

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Color

Hex(445B8C)

Conversions

Conversions Part 1

Format	Color
Hex	445B8C
RGB	68, 91, 140
RGB Percent	27%, 36%, 55%
CMY	0.7333, 0.6431, 0.4510
CMYK	0.51, 0.35, 0.00, 0.45
HSL	221°, 35%, 41%
HSV	221°, 51%, 55%
XYZ	10.8586, 10.6046, 26.2855
YIQ	89.7090, -29.4370, 10.3630

Conversions

Conversions Part 2

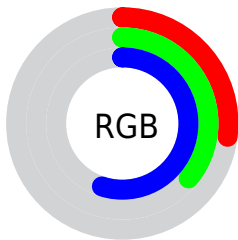
Format	Color
R_{YB}	68, 85, 140
Decimal	4479884
CIE _{Lab}	38.91, 5.95, -29.87
CIE _{LCh}	39, 30.453, 281.264
Yxy	10.6046, 0.2274, 0.2221
Android (android.graphics.Color)	4282669964 (0xFF445B8C)
YUV	89.7090, 24.7935, -19.0388
Hunter-Lab	32.5646, 2.5323, -25.0624

Details

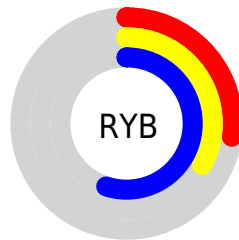
The Hex color **445B8C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C7544**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **788DC2**, and **092E5A** is the 20% darker color. If you saturate the color by 10%, you get **36518C**, and if you desaturate by 10%, it is **52658C**.

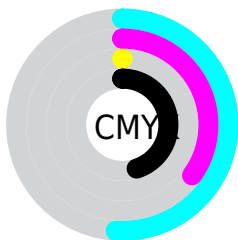
Distribution



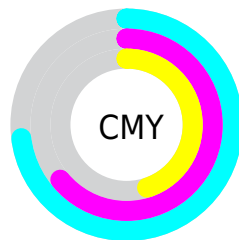
- Red (27%)
- Green (36%)
- Blue (55%)



- Red (27%)
- Yellow (33%)
- Blue (55%)



- Cyan (51%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445B8C 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 445B8C by changing the saturation by 10% instead.

■ 445B8C

■ 445B8C

FFFFFF

■ 2A4472

■ 788DC2

■ 092E5A

■ 93A7DE

■ 001A42

■ AFC2FB

■ 00022C

■ CBDEFF

■ 000116

■ E8FBFF

■ 000000

■ 445B8C

■ 445B8C

■ 36518C

■ 52658C

■ 28488C

■ 606E8C

■ 1A3E8C

■ 6E788C

■ 0C358C

■ 7C818C

■ 002D8C

■ 8A8B8C

■ 98948C

■ A69E8C

■ B4A78C

■ C2B18C

Harmonies

Analogous

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



00638A



445B8C



6A5281

Triad

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



445B8C



864C3C



23674B

Complementary

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



445B8C



8C7544

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.



476435



445B8C



78552D

Square

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



445B8C



8A4753



625D2A



006864

Rectangle

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



445B8C



7B4C74



625D2A



316643

Sweetspot

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



445B8C



9AA3B5



448C74



4B515C



DBDBDB



5C5C5C

Same Dimension

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



445B8C



4569B5



50448C



3E4045



002A85



000205

Inverse Universe

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



8C445B



B54569



808C44



453E40



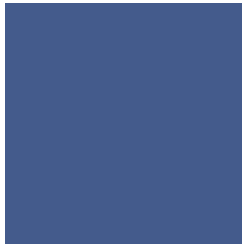
85002A



050002

Previews

White Background



This preview shows how the Hex color 445B8C looks on a white background.

Color Contrast Check

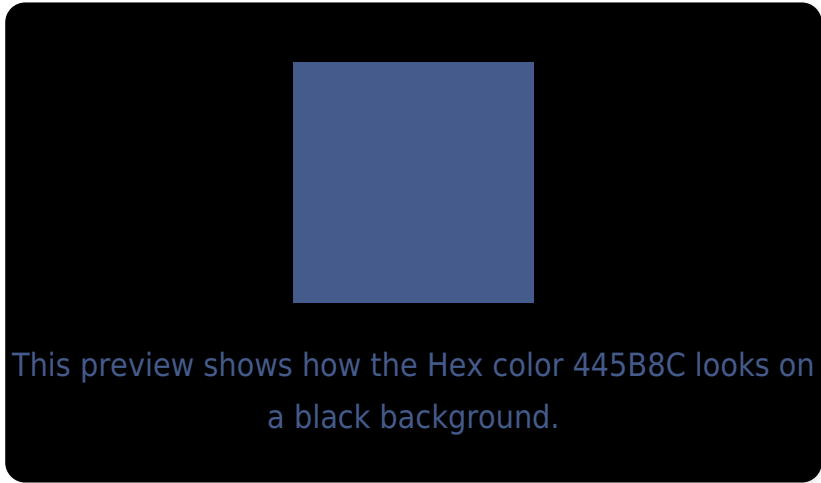
Large Text (above 18pt) WCAG AA ✓ Pass

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

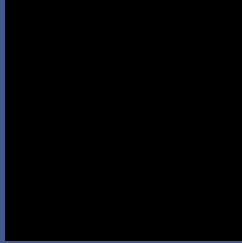
Any Text WCAG AA × Fail

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 445B8C Background



This preview shows how black text looks on a background with the Hex color 445B8C.



This preview shows how white text looks on a background with the Hex color 445B8C.

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
445B8C

Protanopia
4A5A8B

Deuteranopia
435B8C



Tritanopia
39626A

Trichromacy



Original Color
445B8C

Protanomaly
485A8B

Deuteranomaly
435B8C

Tritanomaly
3D5F76

Monochromacy



Original Color
445B8C

Achromatopsia
5A5A5A

Achromatomaly
525A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 445B8C 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 #445B8C looks like.

```
.text, #text, p{  
    color:#445B8C  
}
```

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 #445B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445B8C
}
```

Border

The CSS property to change the border of an element to Hex 445B8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

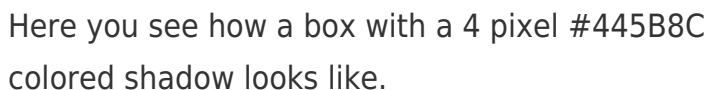
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#445B8C }
```

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

```
.border{ border-color:#445B8C }
```

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



Here you see how a box with a 4 pixel #445B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445B8C; -webkit-box-shadow:4px 4px  
4px 4px #445B8C; box-shadow:4px 4px 4px  
4px #445B8C }
```

Background

The CSS property to change the background color of an element to Hex 445B8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445B8C }
```

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

```
.background{ background-color:#445B8C }
```

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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