

Converting Colors

Hex(455E8C)

Have a look what the booklet for
Hex(455E8C) contains.

Hex(455E8C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(455E8C)

Conversions

Conversions Part 1

Format	Color
Hex	455E8C
RGB	69, 94, 140
RGB Percent	27%, 37%, 55%
CMY	0.7294, 0.6314, 0.4510
CMYK	0.51, 0.33, 0.00, 0.45
HSL	219°, 34%, 41%
HSV	219°, 51%, 55%
XYZ	11.1906, 11.1641, 26.3760
YIQ	91.7690, -29.6660, 9.0060

Conversions

Conversions Part 2

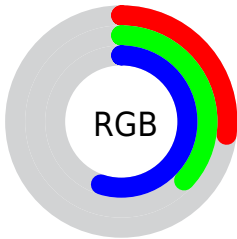
Format	Color
R_{YB}	69, 87, 140
Decimal	4546188
CIE _{Lab}	39.86, 4.31, -28.37
CIE _{LCh}	40, 28.697, 278.628
Yxy	11.1641, 0.2296, 0.2291
Android (android.graphics.Color)	4282736268 (0xFF455E8C)
YUV	91.7690, 23.7779, -19.9684
Hunter-Lab	33.4127, 1.3110, -23.4148

Details

The Hex color **455E8C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C7345**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7990C2**, and **0C305A** is the 20% darker color. If you saturate the color by 10%, you get **37558C**, and if you desaturate by 10%, it is **53678C**.

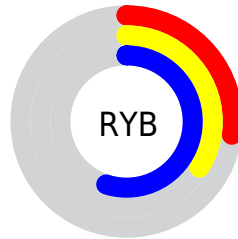
Distribution



Red (27%)

Green (37%)

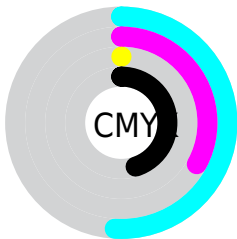
Blue (55%)



Red (27%)

Yellow (34%)

Blue (55%)

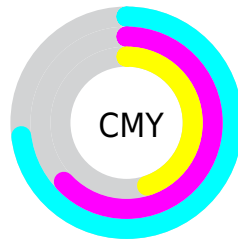


Cyan (51%)

Magenta (33%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (63%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455E8C 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 455E8C by changing the saturation by 10% instead.

■ 455E8C

■ 455E8C

FFFFFF

■ 2B4772

■ 7990C2

■ 0C305A

■ 94ABDE

■ 001C42

■ B0C6FA

■ 00002C

■ CCE2FF

■ 000116

■ E9FEFF

■ 000000

■ 455E8C

■ 455E8C

■ 37558C

■ 53678C

■ 294C8C

■ 61708C

■ 1B438C

■ 6F798C

■ 0D3A8C

■ 7D828C

■ 00318C

■ 8B8B8C

■ 99948C

■ A79D8C

■ B5A78C

■ C3B08C

Harmonies

Analogous

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



0A6589



455E8C



695583

Triad

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



455E8C



884F42



2E694C

Complementary

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



455E8C



8C7345

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.



4D6538



455E8C



7A5732

Square

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



455E8C



8A4B58



665F2F



006A64

Rectangle

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



455E8C



7A5077



665F2F



396845

Sweetspot

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



455E8C



9AA3B5



458C72



4B515C



DBDBDB



5C5C5C

Same Dimension

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



455E8C



476DB5



4E458C



3E4045



002F85



000205

Inverse Universe

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



8C455E



B5476D



838C45



453E40



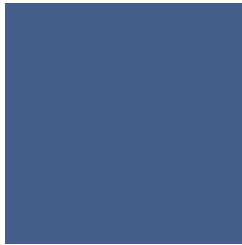
85002F



050002

Previews

White Background



This preview shows how the Hex color 455E8C looks on a white background.

Color Contrast Check

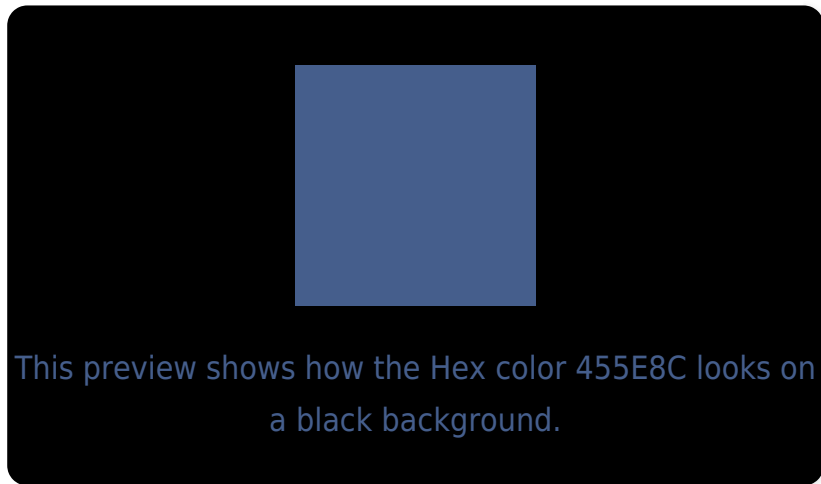
Large Text (above 18pt) WCAG AA ✓ Pass

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

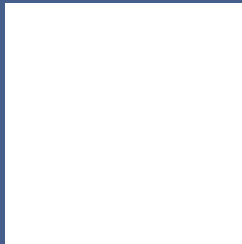
Any Text WCAG AAA × Fail

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

Hex 455E8C Background



This preview shows how black text looks on a background with the Hex color 455E8C.



This preview shows how white text looks on a background with the Hex color 455E8C.

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
455E8C

Protanopia
4E5C8A

Deuteranopia
485D8C



Tritanopia
3B646C

Trichromacy



Original Color
455E8C

Protanomaly
4B5D8B

Deuteranomaly
475D8C

Tritanomaly
3F6278

Monochromacy



Original Color
455E8C

Achromatopsia
5C5C5C

Achromatomaly
545D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 455E8C 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 #455E8C looks like.

```
.text, #text, p{  
    color:#455E8C  
}
```

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 #455E8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455E8C
}
```

Border

The CSS property to change the border of an element to Hex 455E8C 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
#455E8C }
```

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

```
.border{ border-color:#455E8C }
```

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

Here you see how a box with a 4 pixel #455E8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455E8C; -webkit-box-shadow:4px 4px  
4px 4px #455E8C; box-shadow:4px 4px 4px  
4px #455E8C }
```

Background

The CSS property to change the background color of an element to Hex 455E8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455E8C }
```

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

```
.background{ background-color:#455E8C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor