

Converting Colors

Hex(455F9C)

Have a look what the booklet for
Hex(455F9C) contains.

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Color

Hex(455F9C)

Conversions

Conversions Part 1

Format	Color
Hex	455F9C
RGB	69, 95, 156
RGB Percent	27%, 37%, 61%
CMY	0.7294, 0.6275, 0.3882
CMYK	0.56, 0.39, 0.00, 0.39
HSL	222°, 39%, 44%
HSV	222°, 56%, 61%
XYZ	12.5472, 11.8499, 33.0784
YIQ	94.1800, -35.0770, 13.4590

Conversions

Conversions Part 2

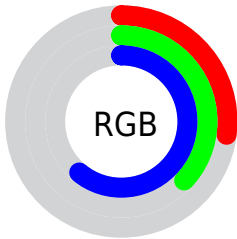
Format	Color
R_{YB}	69, 89, 156
Decimal	4546460
CIE _{Lab}	40.98, 9.00, -36.21
CIE _{LCh}	41, 37.315, 283.957
Yxy	11.8499, 0.2183, 0.2062
Android (android.graphics.Color)	4282736540 (0xFF455F9C)
YUV	94.1800, 30.4773, -22.0829
Hunter-Lab	34.4237, 4.8205, -32.8763

Details

The Hex color **455F9C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C8245**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7B91D3**, and **003168** is the 20% darker color. If you saturate the color by 10%, you get **35549C**, and if you desaturate by 10%, it is **556A9C**.

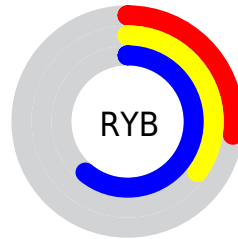
Distribution



Red (27%)

Green (37%)

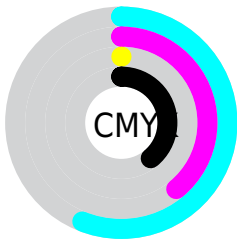
Blue (61%)



Red (27%)

Yellow (35%)

Blue (61%)

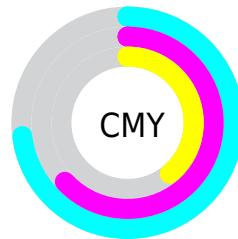


Cyan (56%)

Magenta (39%)

Yellow (0%)

Black (39%)



Cyan (73%)

Magenta (63%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455F9C 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 455F9C by changing the saturation by 10% instead.

■ 455F9C

■ 455F9C

FFFFFF

■ 294882

■ 7B91D3

■ 003168

■ 97ACEF

■ 001D50

■ B3C7FF

■ 000239

■ CFE3FF

■ 000222

■ ECFFFF

■ 000008

■ 000000

■ 455F9C

■ 455F9C

■ 35549C

■ 556A9C

■ 26499C

■ 64759C

■ 163E9C

■ 74809C

■ 07339C

■ 838B9C

■ 002F9C

■ 93969C

■ A3A19C

■ B2AC9C

■ C2B79C

■ D1C19C

Harmonies

Analogous

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



00699B



455F9C



75538D

Triad

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



455F9C



934E37



006F4F

Complementary

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



455F9C



9C8245

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.



426B33



455F9C



805924

Square

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



455F9C



9A4653



646322



00706E

Rectangle

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



455F9C



894B7C



646322



226E45

Sweetspot

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



455F9C



A9B4CC



459C82



525866



E6E6E6



666666

Same Dimension

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



455F9C



436CCC



56459C



474A4F



002B8F



00050F

Inverse Universe

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



9C455F



CC436C



8B9C45



4F474A



8F002B



0F0005

Previews

White Background



This preview shows how the Hex color 455F9C looks on a white background.

Color Contrast Check

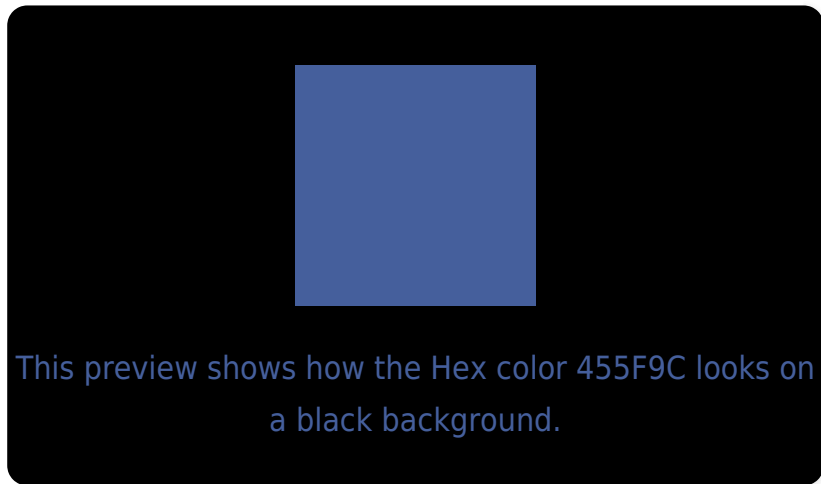
Large Text (above 18pt) WCAG AA ✓ Pass

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

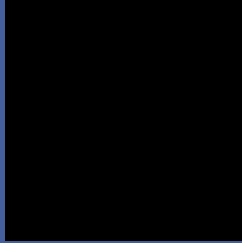
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

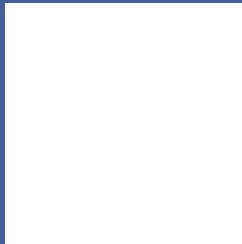
Any Text WCAG AAA × Fail

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

Hex 455F9C Background



This preview shows how black text looks on a background with the Hex color 455F9C.



This preview shows how white text looks on a background with the Hex color 455F9C.

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
455F9C

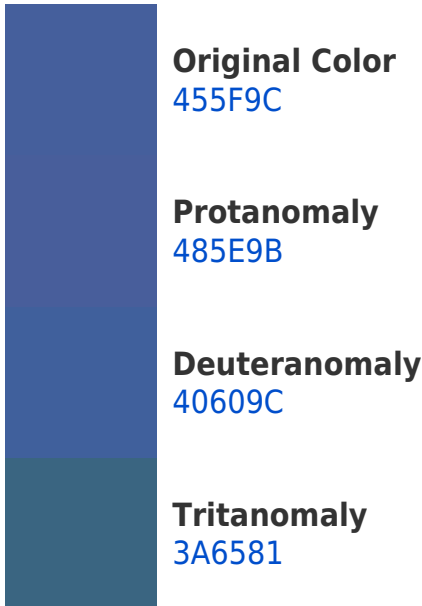
Protanopia
495E9B

Deuteranopia
3D619C



Tritanopia
346871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 455F9C 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 #455F9C looks like.

```
.text, #text, p{  
    color:#455F9C  
}
```

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 #455F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455F9C
}
```

Border

The CSS property to change the border of an element to Hex 455F9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

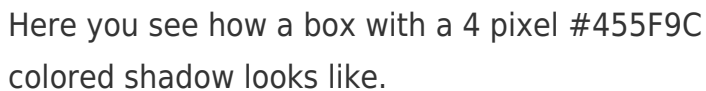
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#455F9C }
```

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

```
.border{ border-color:#455F9C }
```

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



Here you see how a box with a 4 pixel #455F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455F9C; -webkit-box-shadow:4px 4px  
4px 4px #455F9C; box-shadow:4px 4px 4px  
4px #455F9C }
```

Background

The CSS property to change the background color of an element to Hex 455F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455F9C }
```

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

```
.background{ background-color:#455F9C }
```

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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