

Converting Colors

Hex(464F8B)

Have a look what the booklet for
Hex(464F8B) contains.

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Color

Hex(464F8B)

Conversions

Conversions Part 1

Format	Color
Hex	464F8B
RGB	70, 79, 139
RGB Percent	27%, 31%, 55%
CMY	0.7255, 0.6902, 0.4549
CMYK	0.50, 0.43, 0.00, 0.45
HSL	232°, 33%, 41%
HSV	232°, 50%, 55%
XYZ	9.9820, 8.7581, 25.5905
YIQ	83.1490, -24.6240, 16.7520

Conversions

Conversions Part 2

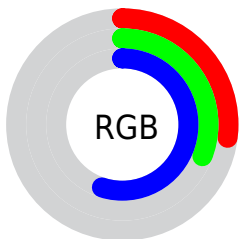
Format	Color
R_{YB}	70, 78, 139
Decimal	4607883
CIE _{Lab}	35.51, 13.86, -34.61
CIE _{LCh}	36, 37.278, 291.820
Yxy	8.7581, 0.2252, 0.1976
Android (android.graphics.Color)	4282797963 (0xFF464F8B)
YUV	83.1490, 27.5345, -11.5317
Hunter-Lab	29.5941, 8.4175, -30.5530

Details

The Hex color **464F8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8246**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7A80C1**, and **0D2358** is the 20% darker color. If you saturate the color by 10%, you get **38438B**, and if you desaturate by 10%, it is **545B8B**.

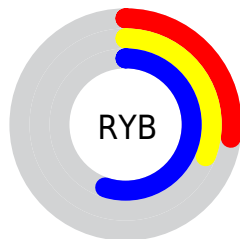
Distribution



Red (27%)

Green (31%)

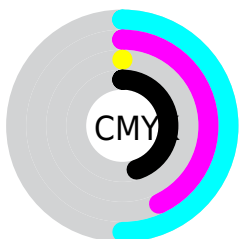
Blue (55%)



Red (27%)

Yellow (31%)

Blue (55%)

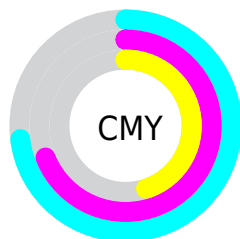


Cyan (50%)

Magenta (43%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (69%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464F8B 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 464F8B by changing the saturation by 10% instead.

■ 464F8B

■ 464F8B

FFFFFF

■ 2C3871

■ 7A80C1

■ 0D2358

■ 959ADD

■ 000F41

■ B1B5FA

■ 00032A

■ CDD0FF

■ 000114

■ EAECFF

■ 000000

■ 464F8B

■ 464F8B

■ 38438B

■ 545B8B

■ 2A378B

■ 62678B

■ 1C2B8B

■ 70738B

■ 0E1F8B

■ 7E7F8B

■ 01138B

■ 8B8B8B

■ 00128B

■ 99988B

■ A7A48B

■ B5B08B

■ C3BC8B

Harmonies

Analogous

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



00598E



464F8B



704279

Triad

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



464F8B



7F4425



00614A

Complementary

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



464F8B



8B8246

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.



295E2D



464F8B



6A4F14

Square

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



464F8B



8A3A3F



4E5818



006269

Rectangle

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



464F8B



803B67



4E5818



006140

Sweetspot

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



464F8B



9A9DB5



468B82



4B4D5C



DBDBDB



5C5C5C

Same Dimension

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



464F8B



4857B5



5F468B



3E3F45



001185



000105

Inverse Universe

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



8B464F



B54857



728B46



453E3F



850011



050001

Previews

White Background



This preview shows how the Hex color 464F8B looks on a white background.

Color Contrast Check

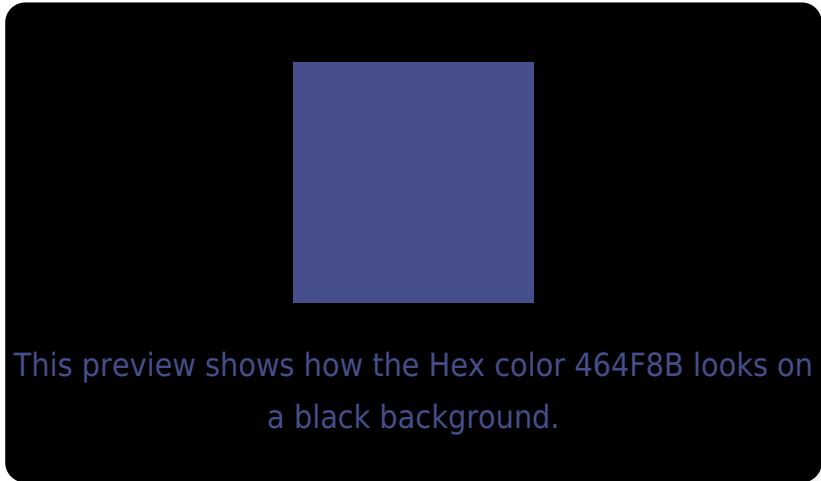
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

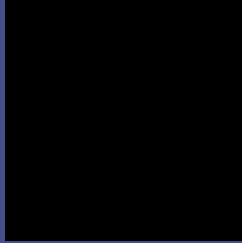
Any Text WCAG AA × Fail

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 464F8B Background



This preview shows how black text looks on a background with the Hex color 464F8B.



This preview shows how white text looks on a background with the Hex color 464F8B.

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
464F8B

Protanopia
3A518D

Deuteranopia
30548A



Tritanopia
395960

Trichromacy



Original Color
464F8B

Protanomaly
3E508C

Deuteranomaly
38528A

Tritanomaly
3E5570

Monochromacy



Original Color
464F8B

Achromatopsia
535353

Achromatomaly
4E5267

CSS Examples

Text

The CSS property to change the color of the text to Hex 464F8B 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 #464F8B looks like.

```
.text, #text, p{  
    color:#464F8B  
}
```

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 #464F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464F8B
}
```

Border

The CSS property to change the border of an element to Hex 464F8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

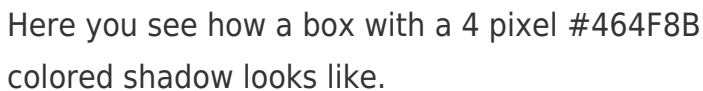
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#464F8B }
```

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

```
.border{ border-color:#464F8B }
```

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



Here you see how a box with a 4 pixel #464F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464F8B; -webkit-box-shadow:4px 4px  
4px 4px #464F8B; box-shadow:4px 4px 4px  
4px #464F8B }
```

Background

The CSS property to change the background color of an element to Hex 464F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464F8B }
```

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

```
.background{ background-color:#464F8B }
```

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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