

Converting Colors

Hex(454F8A)

Have a look what the booklet for
Hex(454F8A) contains.

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Color

Hex(454F8A)

Conversions

Conversions Part 1

Format	Color
Hex	454F8A
RGB	69, 79, 138
RGB Percent	27%, 31%, 54%
CMY	0.7294, 0.6902, 0.4588
CMYK	0.50, 0.43, 0.00, 0.46
HSL	231°, 33%, 41%
HSV	231°, 50%, 54%
XYZ	9.8377, 8.6922, 25.2040
YIQ	82.7360, -24.8990, 16.2290

Conversions

Conversions Part 2

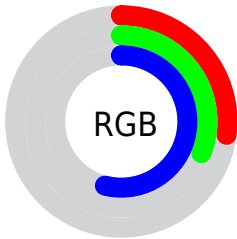
Format	Color
RYB	69, 78, 138
Decimal	4542346
CIELab	35.38, 13.27, -34.21
CIELCh	35, 36.691, 291.207
Yxy	8.6922, 0.2249, 0.1988
Android (android.graphics.Color)	4282732426 (0xFF454F8A)
YUV	82.7360, 27.2452, -12.0465
Hunter-Lab	29.4825, 7.9674, -30.0482

Details

The Hex color **454F8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A8045**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7980C0**, and **0C2358** is the 20% darker color. If you saturate the color by 10%, you get **37438A**, and if you desaturate by 10%, it is **535B8A**.

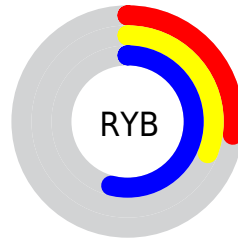
Distribution



Red (27%)

Green (31%)

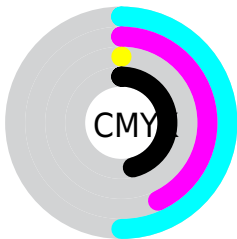
Blue (54%)



Red (27%)

Yellow (31%)

Blue (54%)

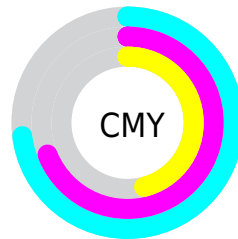


Cyan (50%)

Magenta (43%)

Yellow (0%)

Black (46%)



Cyan (73%)

Magenta (69%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454F8A 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 454F8A by changing the saturation by 10% instead.



454F8A



454F8A

FFFFFF



2B3870



7980C0



0C2358



949ADC



000E40



B0B5F9



000329



CCD0FF



000113



E9ECFF



000000



454F8A



454F8A



37438A



535B8A



29378A



61678A

■ 1C2C8A

■ 6E728A

■ 0E208A

■ 7C7E8A

■ 00148A

■ 8A8A8A

■ 98968A

■ A6A28A

■ B3AD8A

■ C1B98A

Harmonies

Analogous

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



00598D



454F8A



6F4378

Triad

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



454F8A



7F4326



006149

Complementary

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



454F8A



8A8045

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.



2B5E2D



454F8A



6A4F16

Square

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



454F8A



893A40



4F5818



006168

Rectangle

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



454F8A



7F3C67



4F5818



00603F

Sweetspot

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



454F8A



989CB3



458A80



494C59



D9D9D9



595959

Same Dimension

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



454F8A



4757B3



5D458A



3E3F45



001385



000105

Inverse Universe

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



8A454F



B34757



728A45



453E3F



850013



050001

Previews

White Background



This preview shows how the Hex color 454F8A looks on a white background.

Color Contrast Check

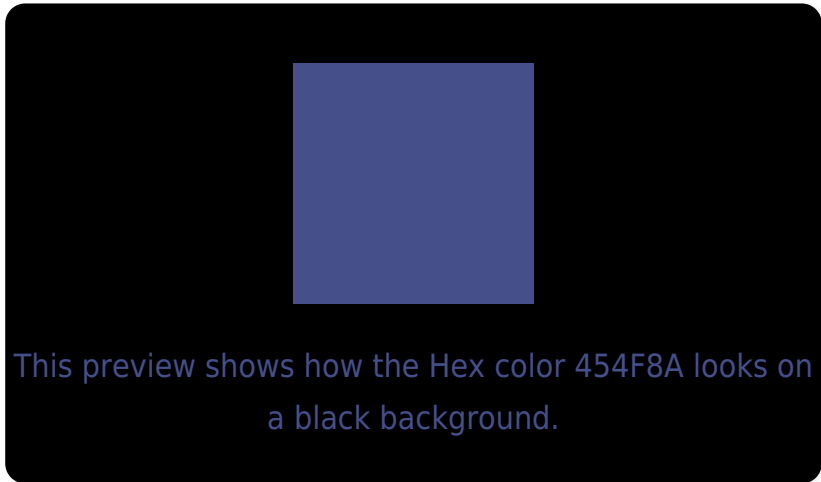
Large Text (above 18pt) WCAG AA ✓ Pass

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

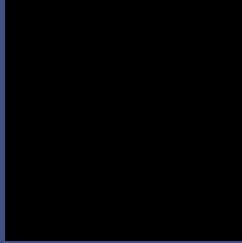
Any Text WCAG AA × Fail

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 454F8A Background



This preview shows how black text looks on a background with the Hex color 454F8A.



This preview shows how white text looks on a background with the Hex color 454F8A.

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
454F8A

Protanopia
3A518C

Deuteranopia
315489



Tritanopia
38585F

Trichromacy



Original Color
454F8A

Protanomaly
3E508B

Deuteranomaly
385289

Tritanomaly
3D556F

Monochromacy



Original Color
454F8A

Achromatopsia
535353

Achromatomaly
4E5267

CSS Examples

Text

The CSS property to change the color of the text to Hex 454F8A 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 #454F8A looks like.

```
.text, #text, p{  
    color:#454F8A  
}
```

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 #454F8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454F8A
}
```

Border

The CSS property to change the border of an element to Hex 454F8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

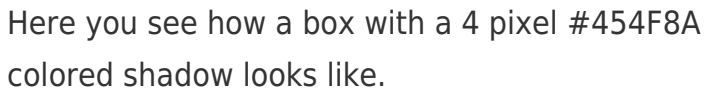
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#454F8A }
```

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

```
.border{ border-color:#454F8A }
```

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



Here you see how a box with a 4 pixel #454F8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454F8A; -webkit-box-shadow:4px 4px  
4px 4px #454F8A; box-shadow:4px 4px 4px  
4px #454F8A }
```

Background

The CSS property to change the background color of an element to Hex 454F8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454F8A }
```

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

```
.background{ background-color:#454F8A }
```

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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