

Converting Colors

Hex(454E88)

Have a look what the booklet for
Hex(454E88) contains.

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Color

Hex(454E88)

Conversions

Conversions Part 1

Format	Color
Hex	454E88
RGB	69, 78, 136
RGB Percent	27%, 31%, 53%
CMY	0.7294, 0.6941, 0.4667
CMYK	0.49, 0.43, 0.00, 0.47
HSL	232°, 33%, 40%
HSV	232°, 49%, 53%
XYZ	9.6226, 8.4916, 24.4244
YIQ	81.9210, -23.9820, 16.1300

Conversions

Conversions Part 2

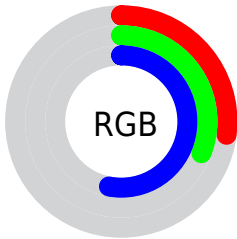
Format	Color
RYB	69, 77, 136
Decimal	4542088
CIELab	34.99, 13.27, -33.61
CIELCh	35, 36.137, 291.537
Yxy	8.4916, 0.2262, 0.1996
Android (android.graphics.Color)	4282732168 (0xFF454E88)
YUV	81.9210, 26.6609, -11.3317
Hunter-Lab	29.1403, 7.9479, -29.2967

Details

The Hex color **454E88** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **887F45**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **797FBE**, and **0D2256** is the 20% darker color. If you saturate the color by 10%, you get **374288**, and if you desaturate by 10%, it is **535A88**.

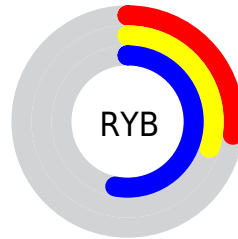
Distribution



 Red (27%)

 Green (31%)

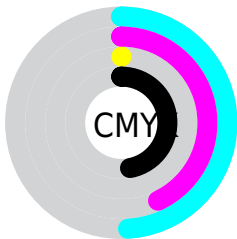
 Blue (53%)




 Red (27%)

 Yellow (30%)

 Blue (53%)

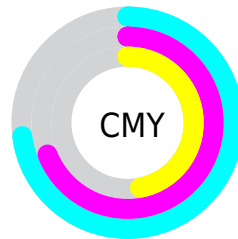


 Cyan (49%)

 Magenta (43%)

 Yellow (0%)

 Black (47%)



 Cyan (73%)

 Magenta (69%)

 Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454E88 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 454E88 by changing the saturation by 10% instead.

■ 454E88

■ 454E88

FFFFFF

■ 2B376E

■ 797FBE

■ 0D2256

■ 9499DA

■ 000D3E

■ B0B3F6

■ 000328

■ CCCFFF

■ 000111

■ E8EBFF

■ 000000

■ 454E88

■ 454E88

■ 374288

■ 535A88

■ 2A3688

■ 606688

■ 1C2B88

■ 6E7188

■ 0F1F88

■ 7B7D88

■ 011388

■ 898988

■ 001288

■ 979588

■ A4A088

■ B2AC88

■ BFB888

Harmonies

Analogous

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



00588B



454E88



6D4276

Triad

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



454E88



7D4326



006049

Complementary

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



454E88



887F45

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.



2A5D2D



454E88



694E16

Square

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



454E88



873A3F



4E5719



006067

Rectangle

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



454E88



7E3B65



4E5719



005F3F

Sweetspot

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



454E88



9699B0



45887E



494B59



D9D9D9



595959

Same Dimension

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



454E88



4856B0



5C4588



3E3F45



001285



000105

Inverse Universe

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



88454E



B04856



718845



453E3F



850012



050001

Previews

White Background



This preview shows how the Hex color 454E88 looks on a white background.

Color Contrast Check

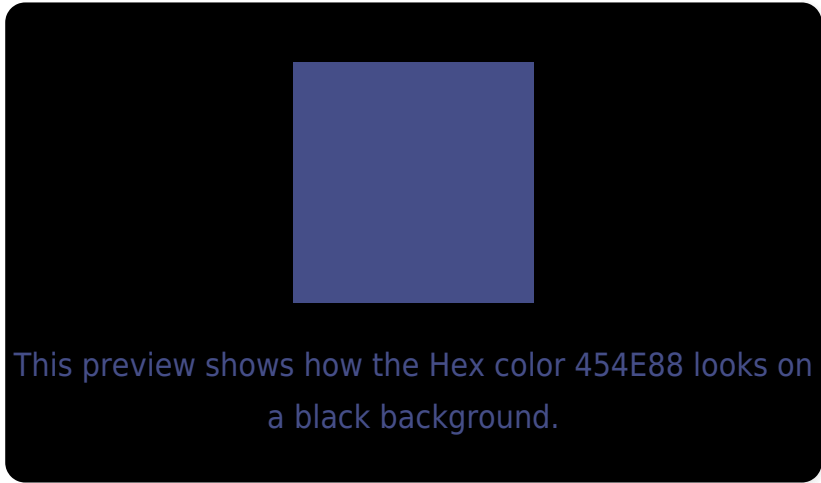
Large Text (above 18pt) WCAG AA ✓ Pass

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 454E88 Background



This preview shows how black text looks on a background with the Hex color 454E88.



This preview shows how white text looks on a background with the Hex color 454E88.

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
454E88

Protanopia
3A508A

Deuteranopia
315387



Tritanopia
38575E

Trichromacy



Original Color
454E88

Protanomaly
3E4F89

Deuteranomaly
385187

Tritanomaly
3D546D

Monochromacy



Original Color
454E88

Achromatopsia
525252

Achromatomaly
4D5166

CSS Examples

Text

The CSS property to change the color of the text to Hex 454E88 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 #454E88 looks like.

```
.text, #text, p{  
    color:#454E88  
}
```

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 #454E88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454E88  
}
```

Border

The CSS property to change the border of an element to Hex 454E88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

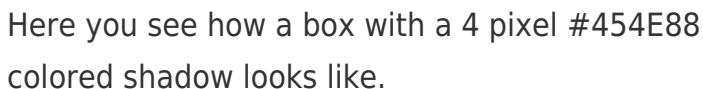
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#454E88 }
```

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

```
.border{ border-color:#454E88 }
```

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



Here you see how a box with a 4 pixel #454E88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454E88; -webkit-box-shadow:4px 4px  
4px 4px #454E88; box-shadow:4px 4px 4px  
4px #454E88 }
```

Background

The CSS property to change the background color of an element to Hex 454E88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454E88 }
```

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

```
.background{ background-color:#454E88 }
```

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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