

Converting Colors

Hex(454F87)

Have a look what the booklet for
Hex(454F87) contains.

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Color

Hex(454F87)

Conversions

Conversions Part 1

Format	Color
Hex	454F87
RGB	69, 79, 135
RGB Percent	27%, 31%, 53%
CMY	0.7294, 0.6902, 0.4706
CMYK	0.49, 0.41, 0.00, 0.47
HSL	231°, 32%, 40%
HSV	231°, 49%, 53%
XYZ	9.6234, 8.6064, 24.0757
YIQ	82.3940, -23.9360, 15.2960

Conversions

Conversions Part 2

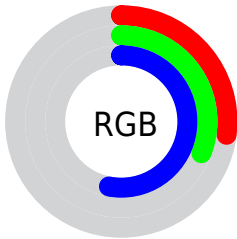
Format	Color
RYB	69, 78, 135
Decimal	4542343
CIELab	35.22, 12.29, -32.64
CIElCh	35, 34.874, 290.628
Yxy	8.6064, 0.2275, 0.2034
Android (android.graphics.Color)	4282732423 (0xFF454F87)
YUV	82.3940, 25.9348, -11.7465
Hunter-Lab	29.3367, 7.2145, -28.1216

Details

The Hex color **454F87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **877D45**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7980BD**, and **0D2355** is the 20% darker color. If you saturate the color by 10%, you get **384487**, and if you desaturate by 10%, it is **525A87**.

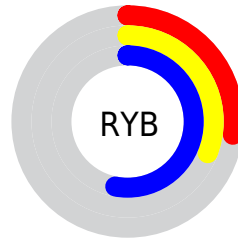
Distribution



Red (27%)

Green (31%)

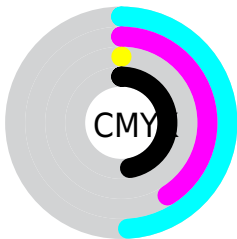
Blue (53%)



Red (27%)

Yellow (31%)

Blue (53%)

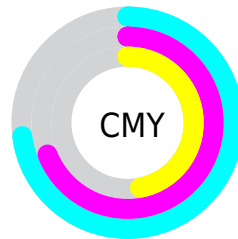


Cyan (49%)

Magenta (41%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 454F87 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 454F87 by changing the saturation by 10% instead.

■ 454F87

■ 454F87

FFFFFF

■ 2B386D

■ 7980BD

■ 0D2355

■ 949AD9

■ 000E3D

■ AFB5F5

■ 000327

■ CBD0FF

■ 000110

■ E8ECFF

■ 000000

■ 454F87

■ 454F87

■ 384487

■ 525A87

■ 2A3887

■ 606687

■ 1D2D87

■ 6E7187

■ 0F2187

■ 7B7D87

■ 021687

■ 898887

■ 001487

■ 969487

■ A39F87

■ B1AB87

■ BEB687

Harmonies

Analogous

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



00588A



454F87



6C4476

Triad

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



454F87



7D4429



006049

Complementary

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



454F87



877D45

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.



2E5D2E



454F87



6A4E19

Square

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



454F87



863B41



50571B



006066

Rectangle

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



454F87



7C3D66



50571B



015F3F

Sweetspot

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



454F87



969AB0



45877C



494C59



D9D9D9



595959

Same Dimension

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



454F87



4858B0



5B4587



3C3D42



001482



000003

Inverse Universe

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



87454F



B04858



718745



423C3D



820014



030000

Previews

White Background



This preview shows how the Hex color 454F87 looks on a white background.

Color Contrast Check

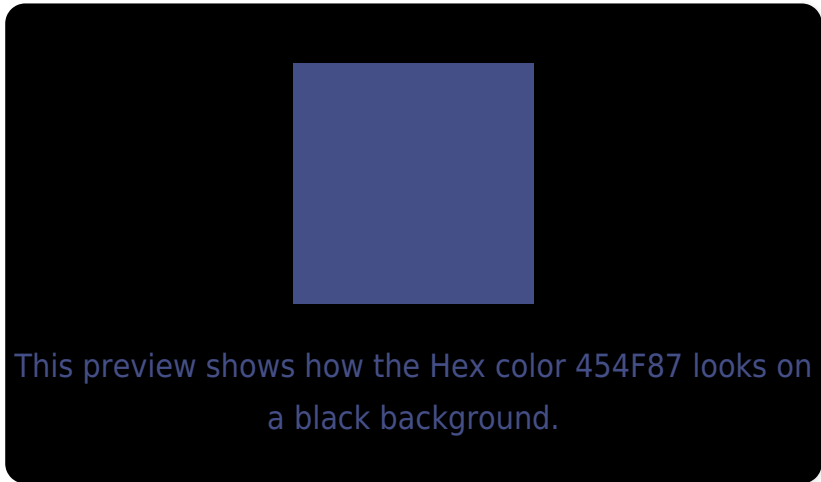
Large Text (above 18pt) WCAG AA ✓ Pass

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

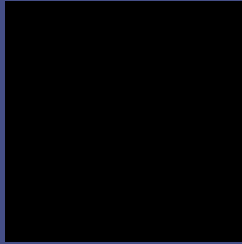
Any Text WCAG AA × Fail

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 454F87 Background



This preview shows how black text looks on a background with the Hex color 454F87.



This preview shows how white text looks on a background with the Hex color 454F87.

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
454F87

Protanopia
3C5189

Deuteranopia
345386



Tritanopia
39585F

Trichromacy



Original Color
454F87

Protanomaly
3F5088

Deuteranomaly
3A5286

Tritanomaly
3D556E

Monochromacy



Original Color
454F87

Achromatopsia
525252

Achromatomaly
4D5165

CSS Examples

Text

The CSS property to change the color of the text to Hex 454F87 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 #454F87 looks like.

```
.text, #text, p{  
    color:#454F87  
}
```

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 #454F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #454F87
}
```

Border

The CSS property to change the border of an element to Hex 454F87 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
#454F87 }
```

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

```
.border{ border-color:#454F87 }
```

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

Here you see how a box with a 4 pixel #454F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #454F87; -webkit-box-shadow:4px 4px  
4px 4px #454F87; box-shadow:4px 4px 4px  
4px #454F87 }
```

Background

The CSS property to change the background color of an element to Hex 454F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#454F87 }
```

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

```
.background{ background-color:#454F87 }
```

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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