

Converting Colors

Hex(425F85)

Have a look what the booklet for
Hex(425F85) contains.

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Color

Hex(425F85)

Conversions

Conversions Part 1

Format	Color
Hex	425F85
RGB	66, 95, 133
RGB Percent	26%, 37%, 52%
CMY	0.7412, 0.6275, 0.4784
CMYK	0.50, 0.29, 0.00, 0.48
HSL	214°, 34%, 39%
HSV	214°, 50%, 52%
XYZ	10.5726, 11.0361, 23.7632
YIQ	90.6610, -29.4820, 5.6700

Conversions

Conversions Part 2

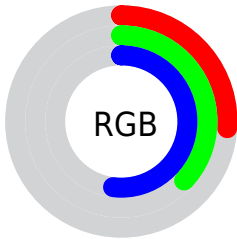
Format	Color
RYB	66, 86, 133
Decimal	4349829
CIELab	39.64, 0.63, -24.48
CIELCh	40, 24.489, 271.478
Yxy	11.0361, 0.2330, 0.2432
Android (android.graphics.Color)	4282539909 (0xFF425F85)
YUV	90.6610, 20.8731, -21.6277
Hunter-Lab	33.2207, -1.3278, -19.1566

Details

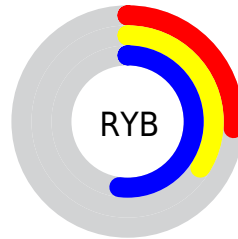
The Hex color **425F85** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **856842**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7691BA**, and **093153** is the 20% darker color. If you saturate the color by 10%, you get **355785**, and if you desaturate by 10%, it is **4F6785**.

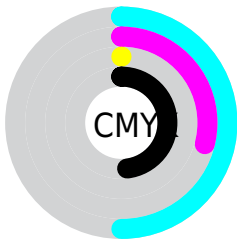
Distribution



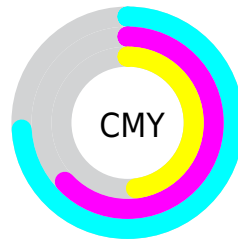
- Red (26%)
- Green (37%)
- Blue (52%)



- Red (26%)
- Yellow (34%)
- Blue (52%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (74%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425F85 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 425F85 by changing the saturation by 10% instead.

■ 425F85

■ 425F85

FFFFFF

■ 28476C

■ 7691BA

■ 093153

■ 91ACD6

■ 001D3C

■ ACC7F3

■ 000326

■ C8E3FF

■ 00010F

■ E4FFFF

■ 000000

■ 425F85

■ 425F85

■ 355785

■ 4F6785

■ 275085

■ 5D6E85

■ 1A4885

■ 6A7685

■ 0D4185

■ 777D85

■ 003A85

■ 858585

■ 928C85

■ 9F9485

■ AC9B85

■ BAA385

Harmonies

Analogous

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



1E6480



425F85



61587F

Triad

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



425F85



83504A



3D664A

Complementary

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



425F85



856842

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.



55623B



425F85



7A563B

Square

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



425F85



834E5D



6A5D35



21685E

Rectangle

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



425F85



715376



6A5D35



456544

Sweetspot

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



425F85



939FAD



428568



474E57



D6D6D6



575757

Same Dimension

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



425F85



4572AD



464285



3C3F42



003882



000103

Inverse Universe

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



85425F



AD4572



818542



423C3F



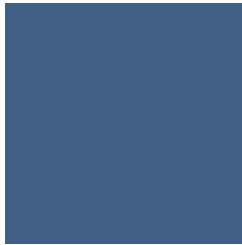
820038



030001

Previews

White Background



This preview shows how the Hex color 425F85 looks on a white background.

Color Contrast Check

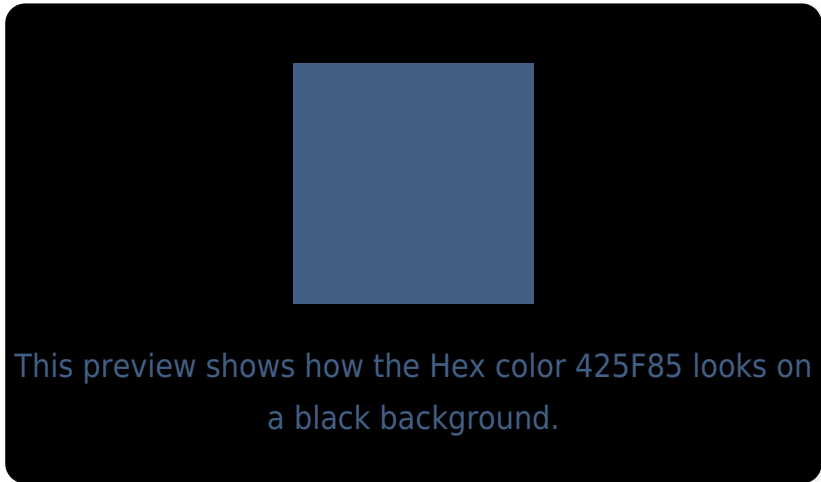
Large Text (above 18pt) WCAG AA ✓ Pass

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 425F85 Background



This preview shows how black text looks on a background with the Hex color 425F85.

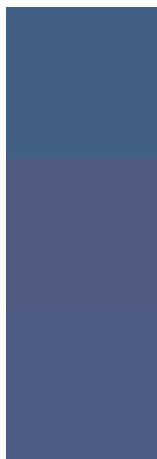


This preview shows how white text looks on a background with the Hex color 425F85.

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
425F85

Protanopia
515C82

Deuteranopia
4D5C86



Tritanopia
3A646C

Trichromacy



Original Color
425F85

Protanomaly
4C5D83

Deuteranomaly
495D86

Tritanomaly
3D6275

Monochromacy



Original Color
425F85

Achromatopsia
5B5B5B

Achromatomaly
525C6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 425F85 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 #425F85 looks like.

```
.text, #text, p{  
    color:#425F85  
}
```

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 #425F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425F85
}
```

Border

The CSS property to change the border of an element to Hex 425F85 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
#425F85 }
```

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

```
.border{ border-color:#425F85 }
```

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

Here you see how a box with a 4 pixel #425F85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425F85; -webkit-box-shadow:4px 4px  
4px 4px #425F85; box-shadow:4px 4px 4px  
4px #425F85 }
```

Background

The CSS property to change the background color of an element to Hex 425F85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425F85 }
```

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

```
.background{ background-color:#425F85 }
```

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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