

Converting Colors

Hex(425F88)

Have a look what the booklet for
Hex(425F88) contains.

Hex(425F88)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(425F88)

Conversions

Conversions Part 1

Format	Color
Hex	425F88
RGB	66, 95, 136
RGB Percent	26%, 37%, 53%
CMY	0.7412, 0.6275, 0.4667
CMYK	0.51, 0.30, 0.00, 0.47
HSL	215°, 35%, 40%
HSV	215°, 51%, 53%
XYZ	10.7829, 11.1202, 24.8707
YIQ	91.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

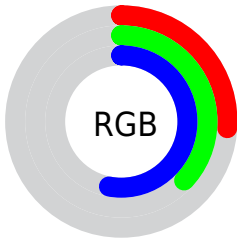
Format	Color
RYB	66, 87, 136
Decimal	4349832
CIELab	39.78, 1.61, -26.08
CIElCh	40, 26.130, 273.528
Yxy	11.1202, 0.2305, 0.2377
Android (android.graphics.Color)	4282539912 (0xFF425F88)
YUV	91.0030, 22.1835, -21.9276
Hunter-Lab	33.3470, -0.6385, -20.8763

Details

The Hex color **425F88** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **886B42**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7691BE**, and **073156** is the 20% darker color. If you saturate the color by 10%, you get **345788**, and if you desaturate by 10%, it is **506788**.

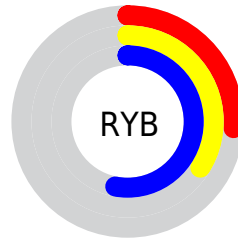
Distribution



Red (26%)

Green (37%)

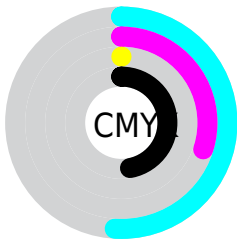
Blue (53%)



Red (26%)

Yellow (34%)

Blue (53%)

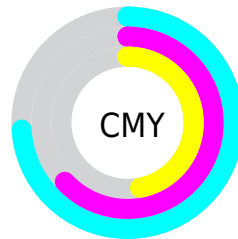


Cyan (51%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425F88 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 425F88 by changing the saturation by 10% instead.

■ 425F88

■ 425F88

FFFFFF

■ 28476E

■ 7691BE

■ 073156

■ 91ACD9

■ 001D3E

■ ACC7F6

■ 000229

■ C8E3FF

■ 000112

■ E5FFFF

■ 000000

■ 425F88

■ 425F88

■ 345788

■ 506788

■ 274F88

■ 5D6F88

■ 194788

■ 6B7788

■ 0C3F88

■ 787F88

■ 003888

■ 868788

■ 948F88

■ A19788

■ AF9F88

■ BCA788

Harmonies

Analogous

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



166583



425F88



635781

Triad

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



425F88



854F47



38674A

Complementary

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



425F88



886B42

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.



536339



425F88



7B5638

Square

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



425F88



864D5C



695D33



176960

Rectangle

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



425F88



745277



695D33



426644

Sweetspot

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



425F88



96A0B0



42886B



495059



D9D9D9



595959

Same Dimension

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



425F88



4370B0



484288



3E4145



003785



000205

Inverse Universe

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



88425F



B04370



828842



453E41



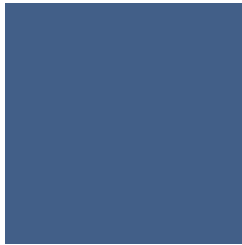
850037



050002

Previews

White Background



This preview shows how the Hex color 425F88 looks on a white background.

Color Contrast Check

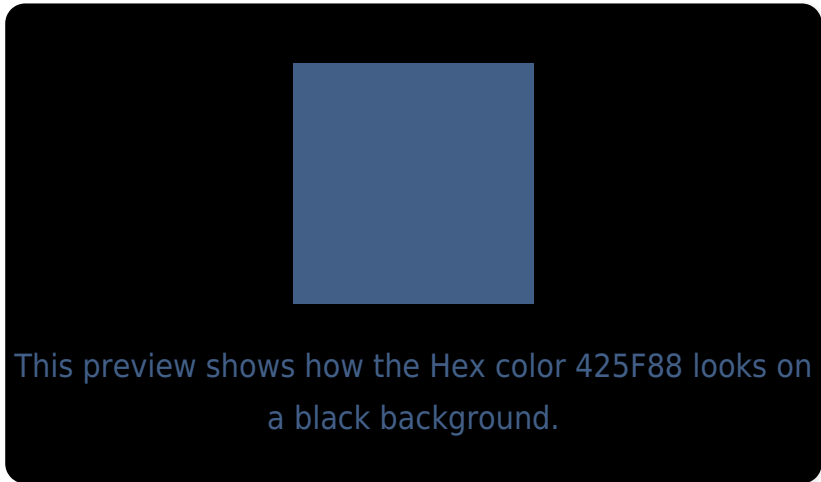
Large Text (above 18pt) WCAG AA ✓ Pass

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 425F88 Background



This preview shows how black text looks on a background with the Hex color 425F88.

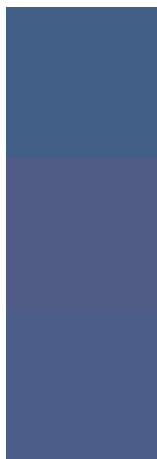


This preview shows how white text looks on a background with the Hex color 425F88.

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
425F88

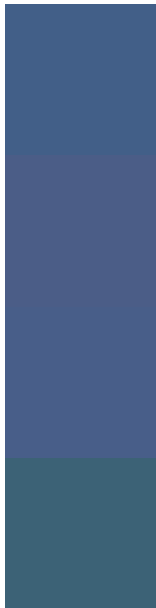
Protanopia
505C86

Deuteranopia
4C5D89



Tritanopia
39646C

Trichromacy



Original Color
425F88

Protanomaly
4B5D87

Deuteranomaly
485E89

Tritanomaly
3C6276

Monochromacy



Original Color
425F88

Achromatopsia
5B5B5B

Achromatomaly
525C6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 425F88 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 #425F88 looks like.

```
.text, #text, p{  
    color:#425F88  
}
```

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 #425F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425F88
}
```

Border

The CSS property to change the border of an element to Hex 425F88 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
#425F88 }
```

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

```
.border{ border-color:#425F88 }
```

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

Here you see how a box with a 4 pixel #425F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425F88; -webkit-box-shadow:4px 4px  
4px 4px #425F88; box-shadow:4px 4px 4px  
4px #425F88 }
```

Background

The CSS property to change the background color of an element to Hex 425F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425F88 }
```

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

```
.background{ background-color:#425F88 }
```

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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