

Converting Colors

Hex(425D8C)

Have a look what the booklet for
Hex(425D8C) contains.

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Color

Hex(425D8C)

Conversions

Conversions Part 1

Format	Color
Hex	425D8C
RGB	66, 93, 140
RGB Percent	26%, 36%, 55%
CMY	0.7412, 0.6353, 0.4510
CMYK	0.53, 0.34, 0.00, 0.45
HSL	218°, 36%, 40%
HSV	218°, 53%, 55%
XYZ	10.8947, 10.8804, 26.3369
YIQ	90.2850, -31.1790, 8.8930

Conversions

Conversions Part 2

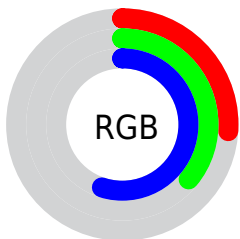
Format	Color
R_{YB}	66, 86, 140
Decimal	4349324
CIE _{Lab}	39.38, 4.18, -29.13
CIE _{LCh}	39, 29.432, 278.171
Yxy	10.8804, 0.2264, 0.2261
Android (android.graphics.Color)	4282539404 (0xFF425D8C)
YUV	90.2850, 24.5095, -21.2979
Hunter-Lab	32.9855, 1.2321, -24.2496

Details

The Hex color **425D8C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8C7142**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **778FC2**, and **05305A** is the 20% darker color. If you saturate the color by 10%, you get **34548C**, and if you desaturate by 10%, it is **50668C**.

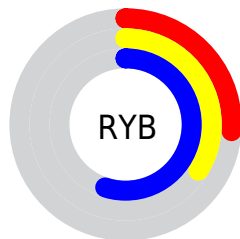
Distribution



Red (26%)

Green (36%)

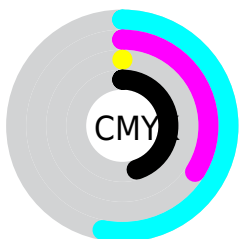
Blue (55%)



Red (26%)

Yellow (34%)

Blue (55%)

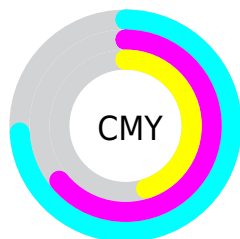


Cyan (53%)

Magenta (34%)

Yellow (0%)

Black (45%)



Cyan (74%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425D8C 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 425D8C by changing the saturation by 10% instead.

■ 425D8C

■ 425D8C

FFFFFF

■ 274672

■ 778FC2

■ 05305A

■ 92A9DE

■ 001B42

■ ADC5FB

■ 00022C

■ C9E1FF

■ 000116

■ E6FDFE

■ 000000

■ 425D8C

■ 425D8C

■ 34548C

■ 50668C

■ 264B8C

■ 5E6F8C

■ 18428C

■ 6C788C

■ 0A398C

■ 7A818C

■ 00338C

■ 88898C

■ 96928C

■ A49B8C

■ B2A48C

■ C0AD8C

Harmonies

Analogous

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



006489



425D8C



685482

Triad

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



425D8C



874D40



2B684A

Complementary

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



425D8C



8C7142

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.



4B6436



425D8C



7A5530

Square

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



425D8C



8A4957



655E2C



006963

Rectangle

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



425D8C



794E76



655E2C



376743

Sweetspot

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



425D8C



98A3B5



428C71



4A515C



DBDBDB



5C5C5C

Same Dimension

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



425D8C



436DB5



4C428C



3E4045



003085



000205

Inverse Universe

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



8C425D



B5436D



828C42



453E40



850030



050002

Previews

White Background



This preview shows how the Hex color 425D8C looks on a white background.

Color Contrast Check

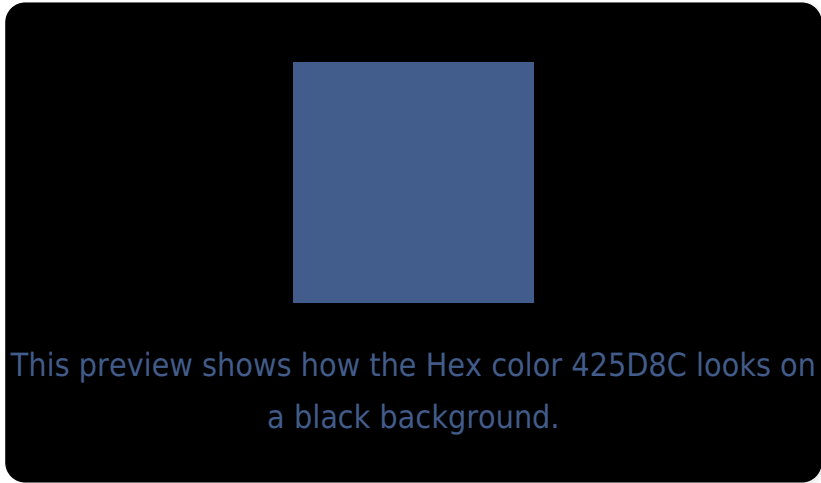
Large Text (above 18pt) WCAG AA ✓ Pass

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

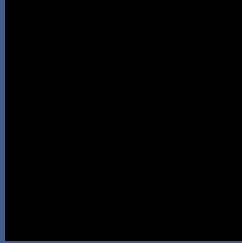
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

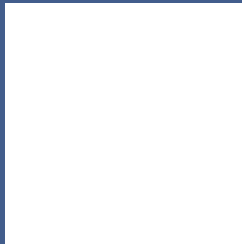
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 425D8C Background



This preview shows how black text looks on a background with the Hex color 425D8C.



This preview shows how white text looks on a background with the Hex color 425D8C.

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
425D8C

Protanopia
4C5B8A

Deuteranopia
465C8C



Tritanopia
37636C

Trichromacy



Original Color
425D8C

Protanomaly
485C8B

Deuteranomaly
455C8C

Tritanomaly
3B6178

Monochromacy



Original Color
425D8C

Achromatopsia
5A5A5A

Achromatomaly
515B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 425D8C 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 #425D8C looks like.

```
.text, #text, p{  
    color:#425D8C  
}
```

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 #425D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425D8C
}
```

Border

The CSS property to change the border of an element to Hex 425D8C 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
#425D8C }
```

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

```
.border{ border-color:#425D8C }
```

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

Here you see how a box with a 4 pixel #425D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425D8C; -webkit-box-shadow:4px 4px  
4px 4px #425D8C; box-shadow:4px 4px 4px  
4px #425D8C }
```

Background

The CSS property to change the background color of an element to Hex 425D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425D8C }
```

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

```
.background{ background-color:#425D8C }
```

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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