

Converting Colors

Hex(425D93)

Have a look what the booklet for
Hex(425D93) contains.

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Color

Hex(425D93)

Conversions

Conversions Part 1

Format	Color
Hex	425D93
RGB	66, 93, 147
RGB Percent	26%, 36%, 58%
CMY	0.7412, 0.6353, 0.4235
CMYK	0.55, 0.37, 0.00, 0.42
HSL	220°, 38%, 42%
HSV	220°, 55%, 58%
XYZ	11.4276, 11.0935, 29.1427
YIQ	91.0830, -33.4260, 11.0700

Conversions

Conversions Part 2

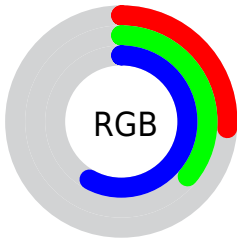
Format	Color
RYB	66, 86, 147
Decimal	4349331
CIELab	39.74, 6.53, -32.79
CIELCh	40, 33.435, 281.264
Yxy	11.0935, 0.2212, 0.2147
Android (android.graphics.Color)	4282539411 (0xFF425D93)
YUV	91.0830, 27.5671, -21.9978
Hunter-Lab	33.3070, 2.9560, -28.5623

Details

The Hex color **425D93** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **937842**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **778FC9**, and **003060** is the 20% darker color. If you saturate the color by 10%, you get **335393**, and if you desaturate by 10%, it is **516793**.

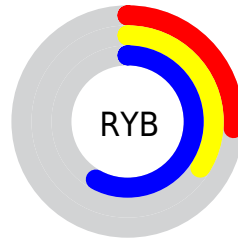
Distribution



Red (26%)

Green (36%)

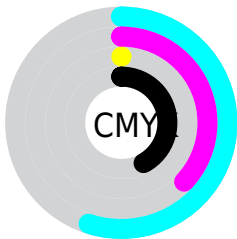
Blue (58%)



Red (26%)

Yellow (34%)

Blue (58%)

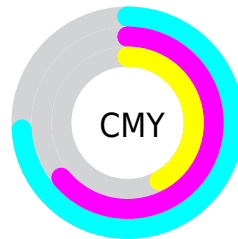


Cyan (55%)

Magenta (37%)

Yellow (0%)

Black (42%)



Cyan (74%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425D93 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 425D93 by changing the saturation by 10% instead.

■ 425D93

■ 425D93

FFFFFF

■ 264679

■ 778FC9

■ 003060

■ 93A9E6

■ 001B48

■ AEC5FF

■ 000031

■ CBE0FF

■ 00011B

■ E8FDFF

■ 000000

■ 425D93

■ 425D93

■ 335393

■ 516793

■ 254993

■ 5F7193

■ 164093

■ 6E7A93

■ 073693

■ 7D8493

■ 003193

■ 8B8E93

■ 9A9893

■ A9A293

■ B8AB93

■ C6B593

Harmonies

Analogous

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



006591



425D93



6D5287

Triad

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



425D93



8C4C3B



1B6A4B

Complementary

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



425D93



937842

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.



466633



425D93



7C5629

Square

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



425D93



914754



645F26



006B67

Rectangle

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



425D93



804C78



645F26



2D6942

Sweetspot

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



425D93



9FAABF



429378



4E5461



E0E0E0



616161

Same Dimension

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



425D93



416BBF



4F4293



43454A



002E8A



00030A

Inverse Universe

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



93425D



BF416B



859342



4A4345



8A002E



0A0003

Previews

White Background



This preview shows how the Hex color 425D93 looks on a white background.

Color Contrast Check

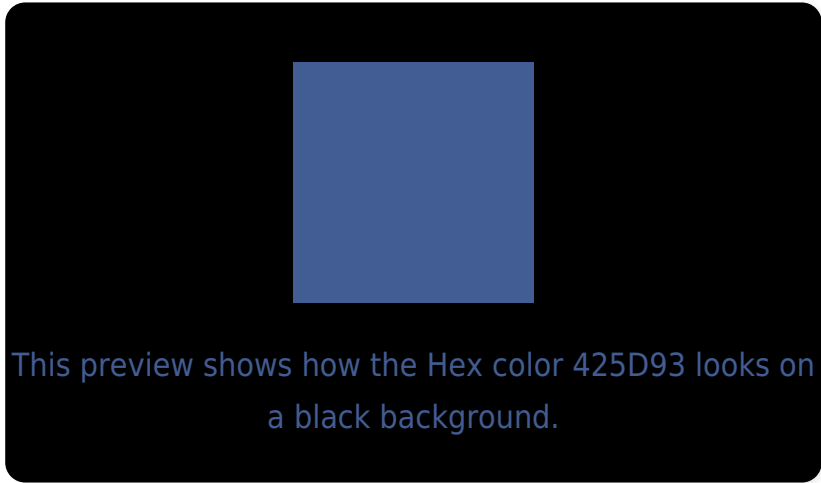
Large Text (above 18pt) WCAG AA ✓ Pass

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

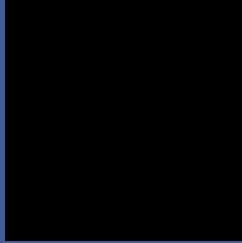
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

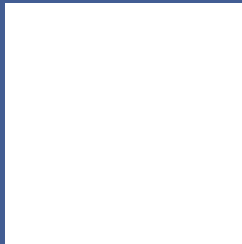
Any Text WCAG AAA × Fail

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

Hex 425D93 Background



This preview shows how black text looks on a background with the Hex color 425D93.



This preview shows how white text looks on a background with the Hex color 425D93.

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


425D93

Protanopia

495C92

Deuteranopia

405D93



Tritanopia
34656D

Trichromacy



Original Color
425D93

Protanomaly
465C92

Deuteranomaly
415D93

Tritanomaly
39627B

Monochromacy



Original Color
425D93

Achromatopsia
5B5B5B

Achromatomaly
525C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 425D93 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 #425D93 looks like.

```
.text, #text, p{  
    color:#425D93  
}
```

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 #425D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425D93
}
```

Border

The CSS property to change the border of an element to Hex 425D93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

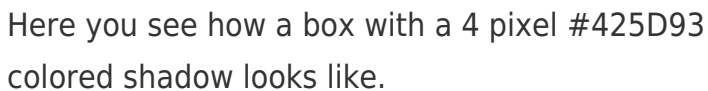
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#425D93 }
```

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

```
.border{ border-color:#425D93 }
```

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



Here you see how a box with a 4 pixel #425D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425D93; -webkit-box-shadow:4px 4px  
4px 4px #425D93; box-shadow:4px 4px 4px  
4px #425D93 }
```

Background

The CSS property to change the background color of an element to Hex 425D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425D93 }
```

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

```
.background{ background-color:#425D93 }
```

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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