

Converting Colors

Hex(425E90)

Have a look what the booklet for
Hex(425E90) contains.

Hex(425E90)	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(425E90)

Conversions

Conversions Part 1

Format	Color
Hex	425E90
RGB	66, 94, 144
RGB Percent	26%, 37%, 56%
CMY	0.7412, 0.6314, 0.4353
CMYK	0.54, 0.35, 0.00, 0.44
HSL	218°, 37%, 41%
HSV	218°, 54%, 56%
XYZ	11.2835, 11.1773, 27.9483
YIQ	91.3280, -32.7380, 9.6140

Conversions

Conversions Part 2

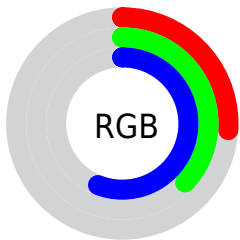
Format	Color
R_{YB}	66, 87, 144
Decimal	4349584
CIE _{Lab}	39.88, 4.89, -30.76
CIE _{LCh}	40, 31.150, 279.026
Yxy	11.1773, 0.2238, 0.2217
Android (android.graphics.Color)	4282539664 (0xFF425E90)
YUV	91.3280, 25.9673, -22.2127
Hunter-Lab	33.4324, 1.7373, -26.1616

Details

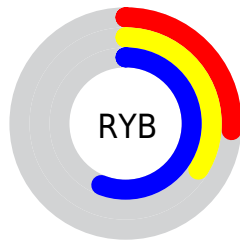
The Hex color **425E90** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **907442**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7790C6**, and **02305D** is the 20% darker color. If you saturate the color by 10%, you get **345590**, and if you desaturate by 10%, it is **506790**.

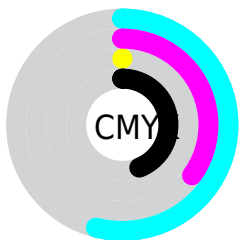
Distribution



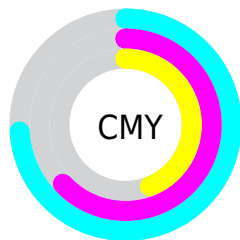
- Red (26%)
- Green (37%)
- Blue (56%)



- Red (26%)
- Yellow (34%)
- Blue (56%)



- Cyan (54%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (74%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425E90 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 425E90 by changing the saturation by 10% instead.

■ 425E90

■ 425E90

FFFFFF

■ 274776

■ 7790C6

■ 02305D

■ 92ABE2

■ 001C45

■ AEC6FF

■ 00002F

■ CAE2FF

■ 000119

■ E7FEFF

■ 000000

■ 425E90

■ 425E90

■ 345590

■ 506790

■ 254C90

■ 5F7090

■ 174290

■ 6D7A90

■ 083990

■ 7C8390

■ 003490

■ 8A8C90

■ 989590

■ A79F90

■ B5A890

■ C4B190

Harmonies

Analogous

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



00668D



425E90



6A5486

Triad

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



425E90



8B4D3F



276A4B

Complementary

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



425E90



907442

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.



4B6635



425E90



7C562E

Square

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



425E90



8E4957



665F2A



006B65

Rectangle

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



425E90



7D4E78



665F2A



356943

Sweetspot

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



425E90



9CA7BA



429073



4C535E



DEDEDE



5E5E5E

Same Dimension

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



425E90



416DBA



4C4290



404347



003187



000308

Inverse Universe

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



90425E



BA416D



869042



474043



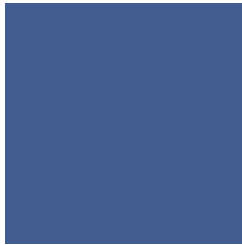
870031



080003

Previews

White Background



This preview shows how the Hex color 425E90 looks on a white background.

Color Contrast Check

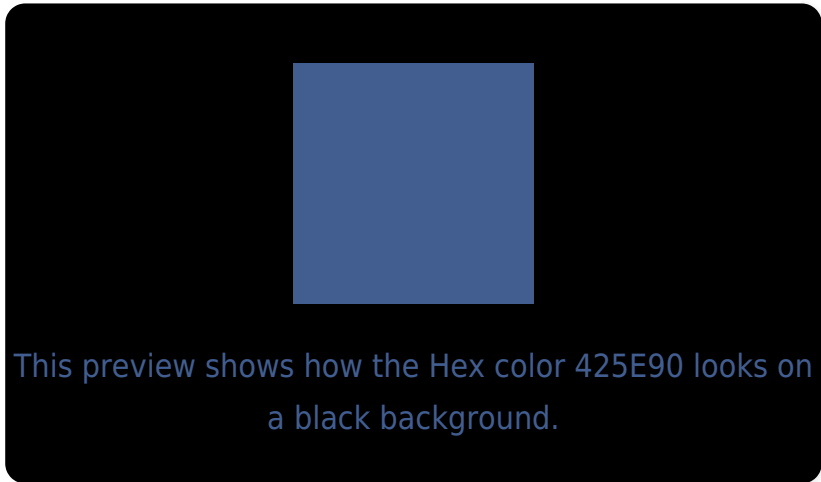
Large Text (above 18pt) WCAG AA ✓ Pass

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

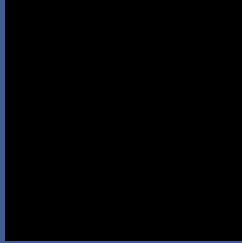
Any Text WCAG AA × Fail

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 425E90 Background



This preview shows how black text looks on a background with the Hex color 425E90.



This preview shows how white text looks on a background with the Hex color 425E90.

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
425E90

Protanopia
4C5C8E

Deuteranopia
445D90



Tritanopia
35656D

Trichromacy



Original Color
425E90

Protanomaly
485D8F

Deuteranomaly
435D90

Tritanomaly
3A627A

Monochromacy



Original Color
425E90

Achromatopsia
5B5B5B

Achromatomaly
525C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 425E90 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 #425E90 looks like.

```
.text, #text, p{  
    color:#425E90  
}
```

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 #425E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425E90
}
```

Border

The CSS property to change the border of an element to Hex 425E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

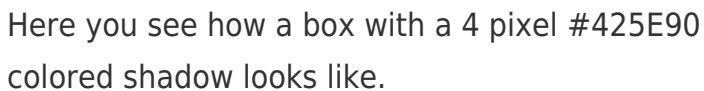
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#425E90 }
```

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

```
.border{ border-color:#425E90 }
```

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



Here you see how a box with a 4 pixel #425E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425E90; -webkit-box-shadow:4px 4px  
4px 4px #425E90; box-shadow:4px 4px 4px  
4px #425E90 }
```

Background

The CSS property to change the background color of an element to Hex 425E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425E90 }
```

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

```
.background{ background-color:#425E90 }
```

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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