

Converting Colors

Hex(425176)

Have a look what the booklet for
Hex(425176) contains.

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Color

Hex(425176)

Conversions

Conversions Part 1

Format	Color
Hex	425176
RGB	66, 81, 118
RGB Percent	26%, 32%, 46%
CMY	0.7412, 0.6824, 0.5373
CMYK	0.44, 0.31, 0.00, 0.54
HSL	223°, 28%, 36%
HSV	223°, 44%, 46%
XYZ	8.4592, 8.3511, 18.3056
YIQ	80.7330, -20.8170, 8.3270

Conversions

Conversions Part 2

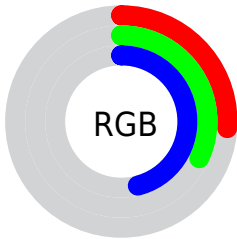
Format	Color
RYB	66, 78, 118
Decimal	4346230
CIELab	34.70, 4.69, -22.96
CIELCh	35, 23.437, 281.536
Yxy	8.3511, 0.2409, 0.2378
Android (android.graphics.Color)	4282536310 (0xFF425176)
YUV	80.7330, 18.3726, -12.9208
Hunter-Lab	28.8983, 1.6791, -17.3284

Details

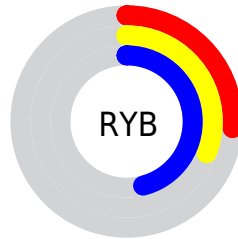
The Hex color **425176** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **766742**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7482AA**, and **102545** is the 20% darker color. If you saturate the color by 10%, you get **364976**, and if you desaturate by 10%, it is **4E5976**.

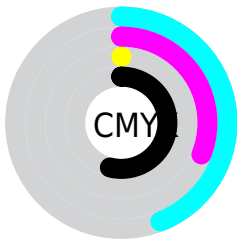
Distribution



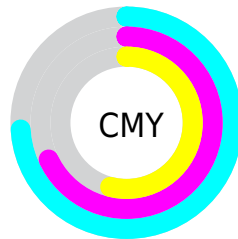
- Red (26%)
- Green (32%)
- Blue (46%)



- Red (26%)
- Yellow (31%)
- Blue (46%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (54%)



- Cyan (74%)
- Magenta (68%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425176 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 425176 by changing the saturation by 10% instead.

■ 425176

■ 425176

FFFFFF

■ 2A3A5D

■ 7482AA

■ 102545

■ 8F9CC6

■ 00102F

■ AAB7E2

■ 00011A

■ C5D3FE

■ 000000

■ E2EFFF

■ 425176

■ 425176

■ 364976

■ 4E5976

■ 2A4076

■ 5A6276

■ 1F3876

■ 656A76

■ 132F76

■ 717376

■ 072776

■ 7D7B76

■ 002276

■ 898376

■ 958C76

■ A09476

■ AC9D76

Harmonies

Analogous

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



1F5775



425176



5D4A6E

Triad

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



425176



73463A



2A5B45

Complementary

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



425176



766742

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.



425835



425176



684C2E

Square

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



425176



76434B



57532C



0A5C58

Rectangle

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



425176



6A4664



57532C



335A3F

Sweetspot

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



425176



858B99



427666



40444D



CCCCCC



4D4D4D

Same Dimension

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



425176



485F99



4C4276



35363B



00237A



0048FA

Inverse Universe

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



764251



99485F



6C7642



3B3536



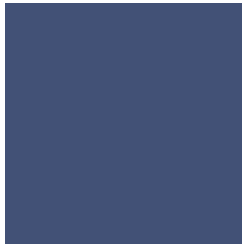
7A0023



FA0048

Previews

White Background



This preview shows how the Hex color 425176 looks on a white background.

Color Contrast Check

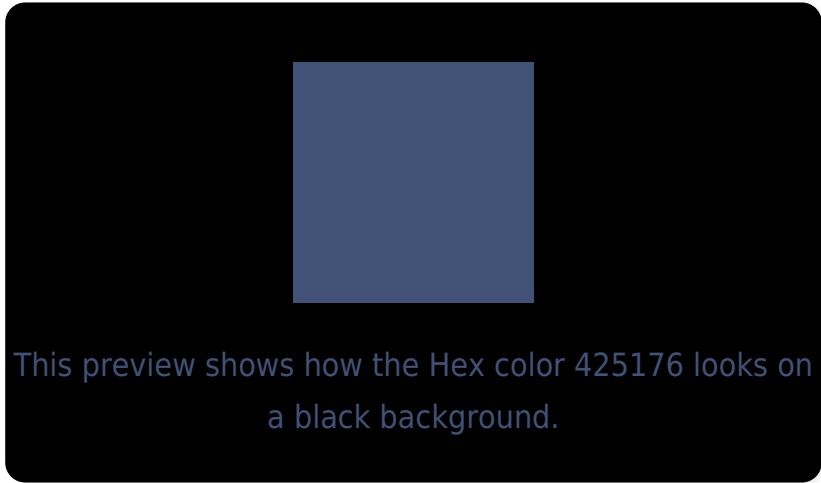
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 425176 Background



This preview shows how black text looks on a background with the Hex color 425176.

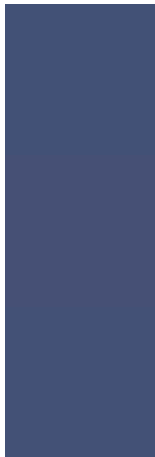


This preview shows how white text looks on a background with the Hex color 425176.

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
425176

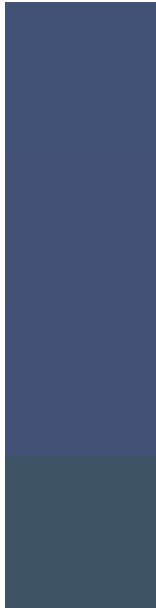
Protanopia
465075

Deuteranopia
435176



Tritanopia
3B565D

Trichromacy



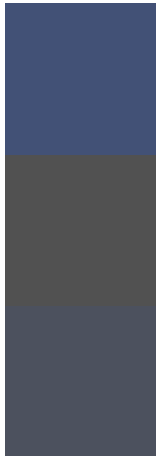
Original Color
425176

Protanomaly
455075

Deuteranomaly
435176

Tritanomaly
3E5466

Monochromacy



Original Color
425176

Achromatopsia
515151

Achromatomaly
4C515E

CSS Examples

Text

The CSS property to change the color of the text to Hex 425176 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 #425176 looks like.

```
.text, #text, p{  
    color:#425176  
}
```

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 #425176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425176
}
```

Border

The CSS property to change the border of an element to Hex 425176 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
#425176 }
```

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

```
.border{ border-color:#425176 }
```

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

Here you see how a box with a 4 pixel #425176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425176; -webkit-box-shadow:4px 4px  
4px 4px #425176; box-shadow:4px 4px 4px  
4px #425176 }
```

Background

The CSS property to change the background color of an element to Hex 425176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425176 }
```

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

```
.background{ background-color:#425176 }
```

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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