

Converting Colors

Hex(415FA0)

Have a look what the booklet for
Hex(415FA0) contains.

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Color

Hex(415FA0)

Conversions

Conversions Part 1

Format	Color
Hex	415FA0
RGB	65, 95, 160
RGB Percent	25%, 37%, 63%
CMY	0.7451, 0.6275, 0.3725
CMYK	0.59, 0.41, 0.00, 0.37
HSL	221°, 42%, 44%
HSV	221°, 59%, 63%
XYZ	12.6173, 11.8463, 34.8793
YIQ	93.4400, -38.7450, 13.8550

Conversions

Conversions Part 2

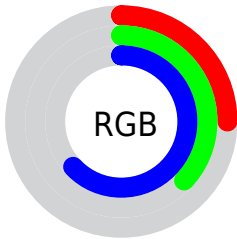
Format	Color
R _{YB}	65, 88, 160
Decimal	4284320
CIE Lab	40.97, 9.50, -38.62
CIE LCh	41, 39.772, 283.818
Yxy	11.8463, 0.2126, 0.1996
Android (android.graphics.Color)	4282474400 (0xFF415FA0)
YUV	93.4400, 32.8141, -24.9419
Hunter-Lab	34.4185, 5.2034, -35.9909

Details

The Hex color **415FA0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A08241**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7891D7**, and **00326C** is the 20% darker color. If you saturate the color by 10%, you get **3154A0**, and if you desaturate by 10%, it is **516AA0**.

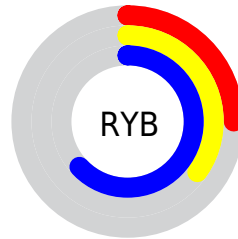
Distribution



Red (25%)

Green (37%)

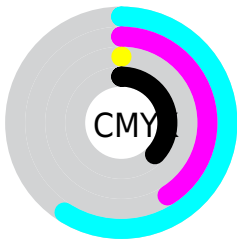
Blue (63%)



Red (25%)

Yellow (35%)

Blue (63%)

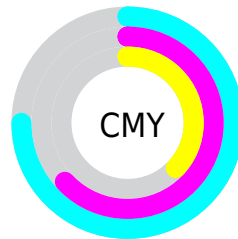


Cyan (59%)

Magenta (41%)

Yellow (0%)

Black (37%)



Cyan (75%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415FA0 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 415FA0 by changing the saturation by 10% instead.

■ 415FA0

■ 415FA0

FFFFFF

■ 234886

■ 7891D7

■ 00326C

■ 94ACF4

■ 001D53

■ B0C7FF

■ 00023C

■ CDE3FF

■ 000225

■ EAFFFF

■ 00010E

■ 000000

■ 415FA0

■ 415FA0

■ 3154A0

■ 516AA0

■ 2149A0

■ 6175A0

■ 113EA0

■ 7180A0

■ 0133A0

■ 818BA0

■ 0033A0

■ 9196A0

■ A1A1A0

■ B1ACA0

■ C1B7A0

■ D1C2A0

Harmonies

Analogous

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



00699F



415FA0



765290

Triad

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



415FA0



954C35



006F4D

Complementary

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



415FA0



A08241

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.



3F6B2F



415FA0



815920

Square

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



415FA0



9D4453



64641C



00716F

Rectangle

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



415FA0



8C497E



64641C



1A6E42

Sweetspot

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



415FA0



ABB7D1



41A082



525969



E8E8E8



696969

Same Dimension

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



415FA0



3D6CD1



5241A0



474A4F



002D8F



00050F

Inverse Universe

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



A0415F



D13D6C



8FA041



4F474A



8F002D



0F0005

Previews

White Background



This preview shows how the Hex color 415FA0 looks on a white background.

Color Contrast Check

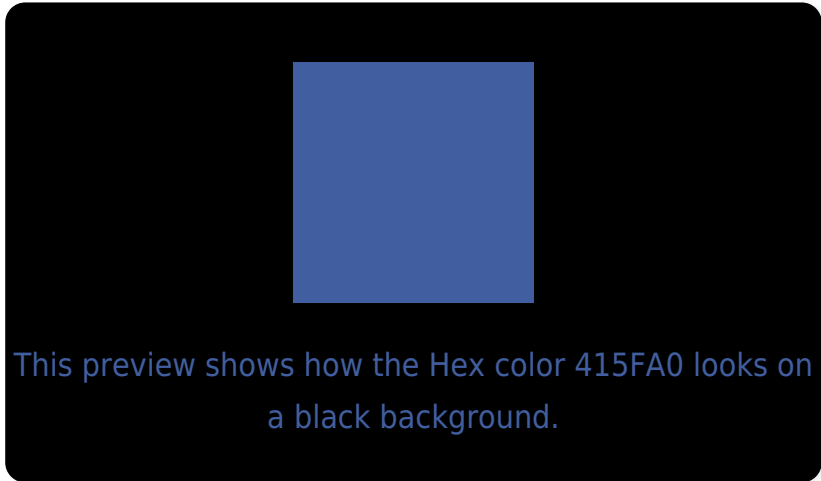
Large Text (above 18pt) WCAG AA ✓ Pass

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 415FA0 Background



This preview shows how black text looks on a background with the Hex color 415FA0.



This preview shows how white text looks on a background with the Hex color 415FA0.

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


415FA0

Protanopia

465E9F

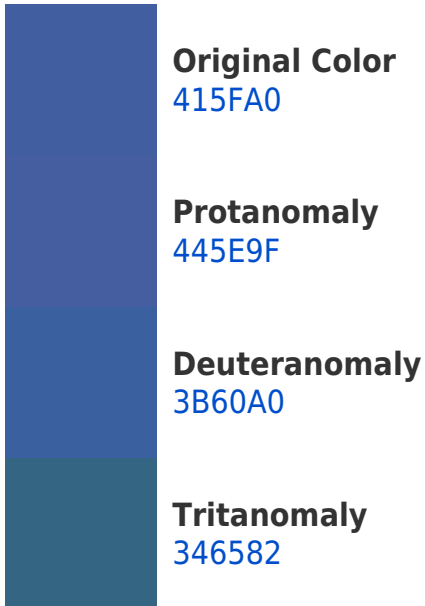
Deuteranopia

3761A0

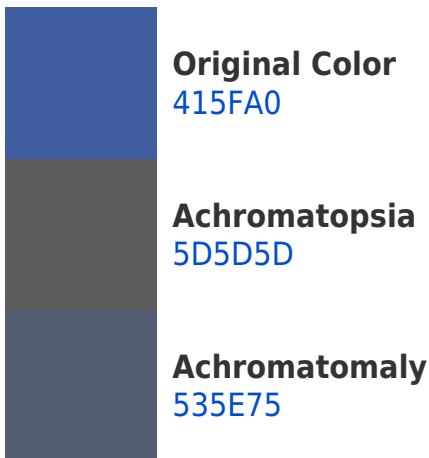


Tritanopia
2D6971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 415FA0 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 #415FA0 looks like.

```
.text, #text, p{  
    color:#415FA0  
}
```

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 #415FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415FA0
}
```

Border

The CSS property to change the border of an element to Hex 415FA0 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
#415FA0 }
```

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

```
.border{ border-color:#415FA0 }
```

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

Here you see how a box with a 4 pixel #415FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415FA0; -webkit-box-shadow:4px 4px  
4px 4px #415FA0; box-shadow:4px 4px 4px  
4px #415FA0 }
```

Background

The CSS property to change the background color of an element to Hex 415FA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415FA0 }
```

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

```
.background{ background-color:#415FA0 }
```

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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