

Converting Colors

Hex(416391)

Have a look what the booklet for
Hex(416391) contains.

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Color

Hex(416391)

Conversions

Conversions Part 1

Format	Color
Hex	416391
RGB	65, 99, 145
RGB Percent	25%, 39%, 57%
CMY	0.7451, 0.6118, 0.4314
CMYK	0.55, 0.32, 0.00, 0.43
HSL	214°, 38%, 41%
HSV	214°, 55%, 57%
XYZ	11.7526, 12.0918, 28.5026
YIQ	94.0780, -35.0300, 7.0980

Conversions

Conversions Part 2

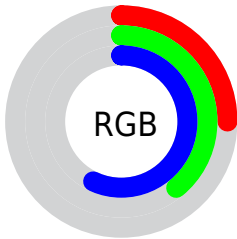
Format	Color
R_{YB}	65, 89, 145
Decimal	4285329
CIE _{Lab}	41.36, 1.85, -29.04
CIE _{LCh}	41, 29.099, 273.642
Yxy	12.0918, 0.2245, 0.2310
Android (android.graphics.Color)	4282475409 (0xFF416391)
YUV	94.0780, 25.1045, -25.5014
Hunter-Lab	34.7733, -0.5240, -24.2568

Details

The Hex color **416391** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **916F41**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7696C7**, and **00355E** is the 20% darker color. If you saturate the color by 10%, you get **335B91**, and if you desaturate by 10%, it is **506B91**.

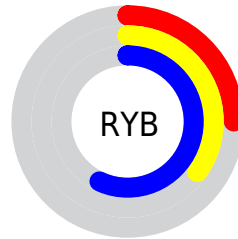
Distribution



Red (25%)

Green (39%)

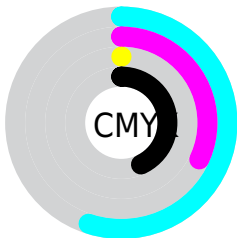
Blue (57%)



Red (25%)

Yellow (35%)

Blue (57%)

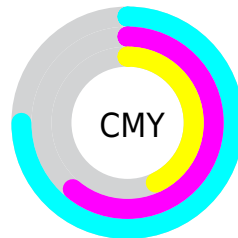


Cyan (55%)

Magenta (32%)

Yellow (0%)

Black (43%)



Cyan (75%)

Magenta (61%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416391 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 416391 by changing the saturation by 10% instead.

■ 416391

■ 416391

FFFFFF

■ 254B77

■ 7696C7

■ 00355E

■ 91B0E3

■ 002046

■ ADCBFF

■ 000730

■ C9E8FF

■ 00011A

■ E6FFFF

■ 000000

■ 416391

■ 416391

■ 335B91

■ 506B91

■ 245291

■ 5E7491

■ 164A91

■ 6D7C91

■ 074291

■ 7B8491

■ 003E91

■ 8A8D91

■ 989591

■ A69D91

■ B5A691

■ C4AE91

Harmonies

Analogous

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



006A8C



416391



685A89

Triad

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



416391



8E5148



376C4C

Complementary

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



416391



916F41

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.



556839



416391



825937

Square

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



416391



8E4E60



6E6131



026E64

Rectangle

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



416391



7B547E



6E6131



416B44

Sweetspot

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



416391



9DAABD



41916E



4B535E



DEDEDE



5E5E5E

Same Dimension

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



416391



4075BD



464191



404347



003987



000308

Inverse Universe

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



914163



BD4075



8C9141



474043



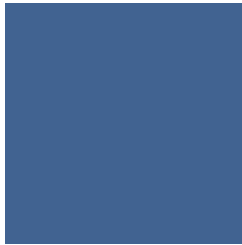
870039



080003

Previews

White Background



This preview shows how the Hex color 416391 looks on a white background.

Color Contrast Check

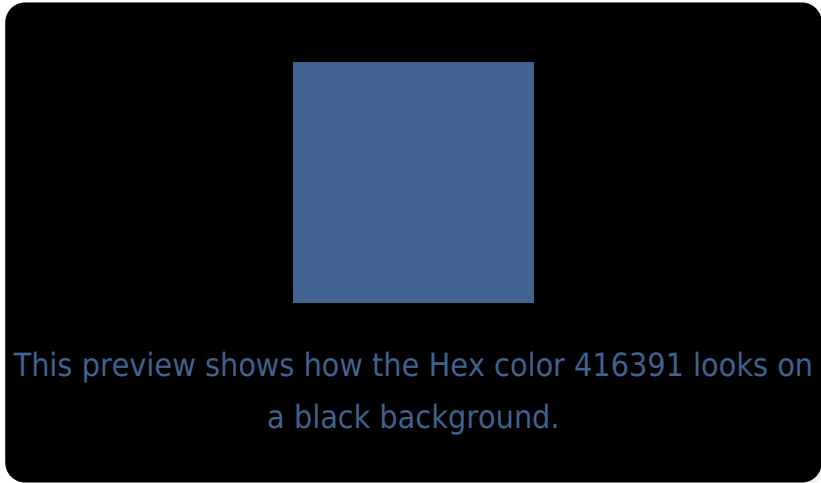
Large Text (above 18pt) WCAG AA ✓ Pass

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 416391 Background



This preview shows how black text looks on a background with the Hex color 416391.



This preview shows how white text looks on a background with the Hex color 416391.

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





Tritanopia
356972

Trichromacy



Original Color
416391

Protanomaly
4C618F

Deuteranomaly
476292

Tritanomaly
39677D

Monochromacy



Original Color
416391

Achromatopsia
5E5E5E

Achromatomaly
536071

CSS Examples

Text

The CSS property to change the color of the text to Hex 416391 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 #416391 looks like.

```
.text, #text, p{  
    color:#416391  
}
```

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 #416391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416391
}
```

Border

The CSS property to change the border of an element to Hex 416391 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
#416391 }
```

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

```
.border{ border-color:#416391 }
```

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

Here you see how a box with a 4 pixel #416391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416391; -webkit-box-shadow:4px 4px  
4px 4px #416391; box-shadow:4px 4px 4px  
4px #416391 }
```

Background

The CSS property to change the background color of an element to Hex 416391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416391 }
```

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

```
.background{ background-color:#416391 }
```

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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