

Converting Colors

Hex(416689)

Have a look what the booklet for
Hex(416689) contains.

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Color

Hex(416689)

Conversions

Conversions Part 1

Format	Color
Hex	416689
RGB	65, 102, 137
RGB Percent	25%, 40%, 54%
CMY	0.7451, 0.6000, 0.4627
CMYK	0.53, 0.26, 0.00, 0.46
HSL	209°, 36%, 40%
HSV	209°, 53%, 54%
XYZ	11.4467, 12.4327, 25.4634
YIQ	94.9270, -33.2870, 3.0410

Conversions

Conversions Part 2

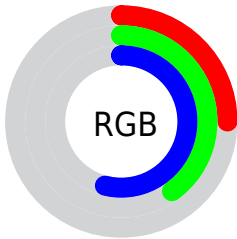
Format	Color
R _{YB}	65, 89, 137
Decimal	4286089
CIE _{Lab}	41.90, -2.63, -23.40
CIE _{LCh}	42, 23.548, 263.578
Yxy	12.4327, 0.2320, 0.2520
Android (android.graphics.Color)	4282476169 (0xFF416689)
YUV	94.9270, 20.7420, -26.2460
Hunter-Lab	35.2600, -3.7574, -18.1348

Details

The Hex color **416689** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **896441**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7599BF**, and **043757** is the 20% darker color. If you saturate the color by 10%, you get **335F89**, and if you desaturate by 10%, it is **4F6D89**.

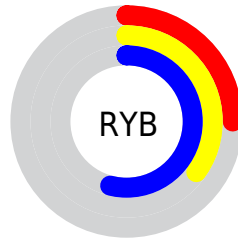
Distribution



Red (25%)

Green (40%)

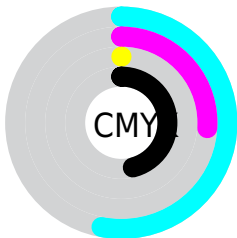
Blue (54%)



Red (25%)

Yellow (35%)

Blue (54%)

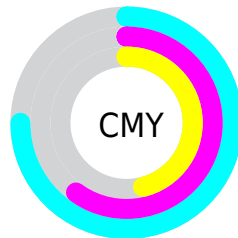


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (46%)



Cyan (75%)

Magenta (60%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416689 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 416689 by changing the saturation by 10% instead.

■ 416689

■ 416689

FFFFFF

■ 264E6F

■ 7599BF

■ 043757

■ 90B4DA

■ 00223F

■ ACCFF7

■ 000C29

■ C8EBFF

■ 000114

■ E4FFFF

■ 000000

■ 416689

■ 416689

■ 335F89

■ 4F6D89

■ 265989

■ 5C7389

■ 185289

■ 6A7A89

■ 0A4B89

■ 788189

■ 004689

■ 858789

■ 938E89

■ A19589

■ AF9B89

■ BCA289

Harmonies

Analogous

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



246B81



416689



5F5F86

Triad

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



416689



895554



4A6B4B

Complementary

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



416689



896441

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.



60663F



416689



825A44

Square

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



416689



865468



74603C



326D5E

Rectangle

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



416689



705B7F



74603C



526A46

Sweetspot

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



416689



96A5B3



418964



485159



D9D9D9



595959

Same Dimension

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



416689



427CB3



414289



3E4245



004485



000305

Inverse Universe

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



894166



B3427C



898841



453E42



850044



050003

Previews

White Background



This preview shows how the Hex color 416689 looks on a white background.

Color Contrast Check

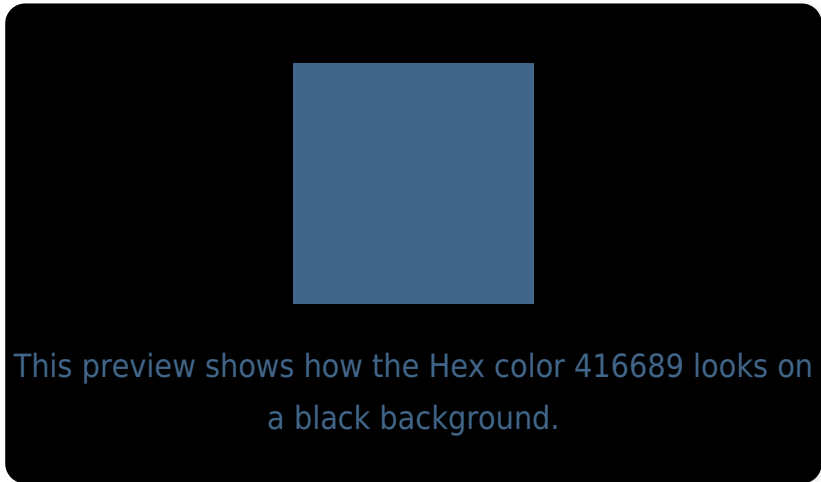
Large Text (above 18pt) WCAG AA ✓ Pass

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

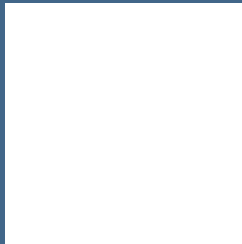
Any Text WCAG AAA × Fail

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

Hex 416689 Background



This preview shows how black text looks on a background with the Hex color 416689.

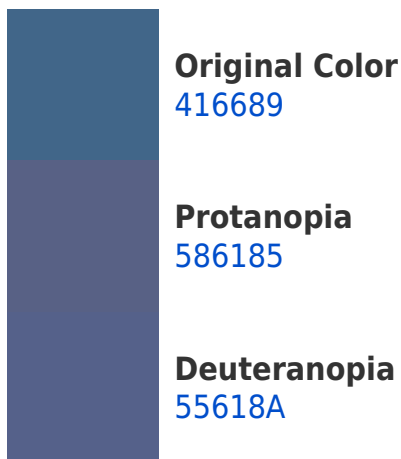



This preview shows how white text looks on a background with the Hex color 416689.

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](#).

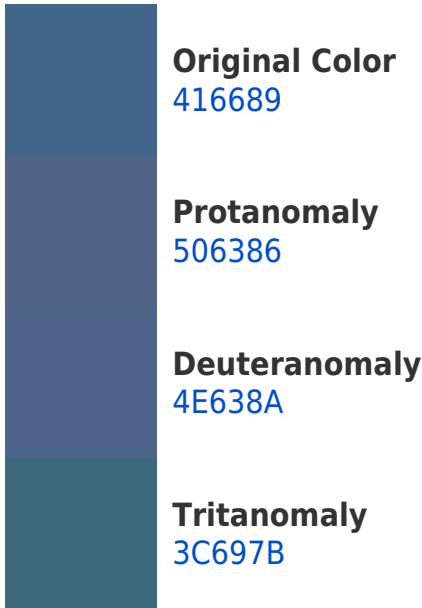
Dichromacy



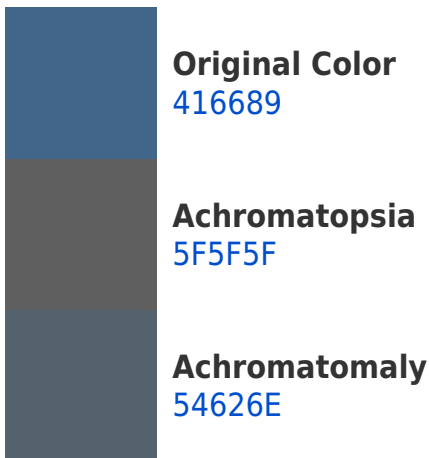


Tritanopia
396A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 416689 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 #416689 looks like.

```
.text, #text, p{  
    color:#416689  
}
```

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 #416689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416689
}
```

Border

The CSS property to change the border of an element to Hex 416689 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
#416689 }
```

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

```
.border{ border-color:#416689 }
```

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

Here you see how a box with a 4 pixel #416689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416689; -webkit-box-shadow:4px 4px  
4px 4px #416689; box-shadow:4px 4px 4px  
4px #416689 }
```

Background

The CSS property to change the background color of an element to Hex 416689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416689 }
```

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

```
.background{ background-color:#416689 }
```

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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