

Converting Colors

Hex(415984)

Have a look what the booklet for
Hex(415984) contains.

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Color

Hex(415984)

Conversions

Conversions Part 1

Format	Color
Hex	415984
RGB	65, 89, 132
RGB Percent	25%, 35%, 52%
CMY	0.7451, 0.6510, 0.4824
CMYK	0.51, 0.33, 0.00, 0.48
HSL	219°, 34%, 39%
HSV	219°, 51%, 52%
XYZ	9.9172, 9.9345, 23.2247
YIQ	86.7260, -28.1070, 8.2850

Conversions

Conversions Part 2

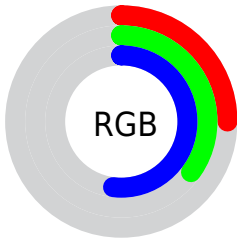
Format	Color
R _{YB}	65, 83, 132
Decimal	4282756
CIE Lab	37.72, 3.82, -26.87
CIE LCh	38, 27.139, 278.087
Yxy	9.9345, 0.2302, 0.2306
Android (android.graphics.Color)	4282472836 (0xFF415984)
YUV	86.7260, 22.3201, -19.0537
Hunter-Lab	31.5191, 1.0051, -21.6242

Details

The Hex color **415984** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **846C41**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **758BB9**, and **082C52** is the 20% darker color. If you saturate the color by 10%, you get **345184**, and if you desaturate by 10%, it is **4E6184**.

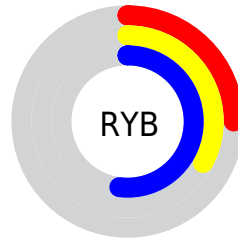
Distribution



Red (25%)

Green (35%)

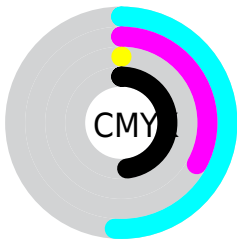
Blue (52%)



Red (25%)

Yellow (33%)

Blue (52%)

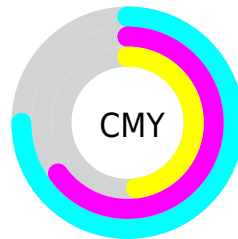


Cyan (51%)

Magenta (33%)

Yellow (0%)

Black (48%)



Cyan (75%)

Magenta (65%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415984 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 415984 by changing the saturation by 10% instead.

■ 415984

■ 415984

FFFFFF

■ 27426B

■ 758BB9

■ 082C52

■ 8FA5D5

■ 00183B

■ ABC0F2

■ 000225

■ C7DCFF

■ 00010E

■ E3F8FF

■ 000000

■ 415984

■ 415984

■ 345184

■ 4E6184

■ 274884

■ 5B6A84

■ 194084

■ 697284

■ 0C3784

■ 767B84

■ 002F84

■ 838384

■ 908C84

■ 9D9484

■ AB9D84

■ B8A584

Harmonies

Analogous

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



0D5F81



415984



63517B

Triad

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



415984



804B3F



2D6348

Complementary

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



415984



846C41

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.



495F35



415984



745230

Square

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



415984



824754



61592C



00645E

Rectangle

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



415984



734C70



61592C



376241

Sweetspot

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



415984



919AAB



41846B



474D57



D6D6D6



575757

Same Dimension

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



415984



4368AB



4A4184



3C3E42



002F82



000103

Inverse Universe

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



844159



AB4368



7B8441



423C3E



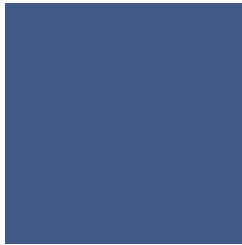
82002F



030001

Previews

White Background



This preview shows how the Hex color 415984 looks on a white background.

Color Contrast Check

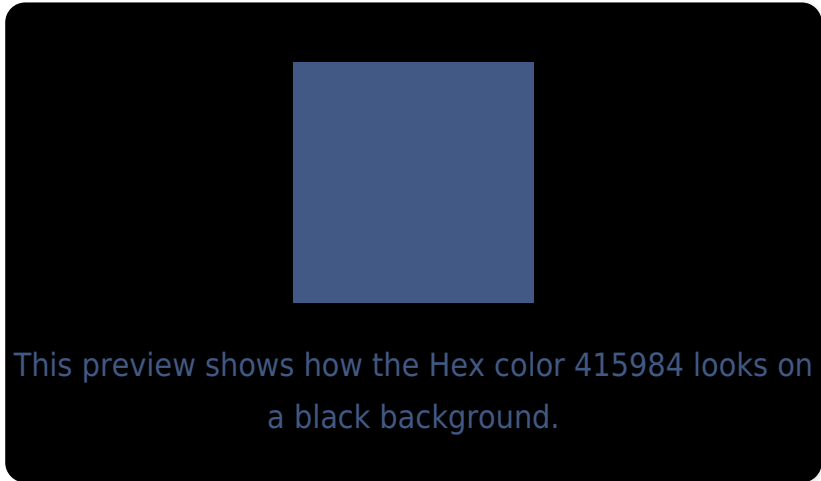
Large Text (above 18pt) WCAG AA ✓ Pass

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

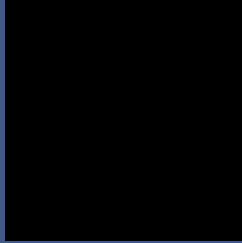
Any Text WCAG AA × Fail

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 415984 Background



This preview shows how black text looks on a background with the Hex color 415984.

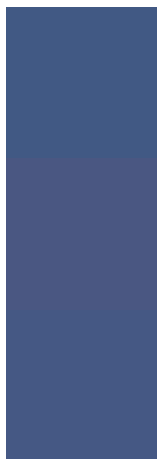


This preview shows how white text looks on a background with the Hex color 415984.

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
415984

Protanopia
4A5782

Deuteranopia
455884



Tritanopia
375F66

Trichromacy



Original Color
415984

Protanomaly
475883

Deuteranomaly
445884

Tritanomaly
3B5D71

Monochromacy



Original Color
415984

Achromatopsia
575757

Achromatomaly
4F5867

CSS Examples

Text

The CSS property to change the color of the text to Hex 415984 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 #415984 looks like.

```
.text, #text, p{  
    color:#415984  
}
```

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 #415984 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415984
}
```

Border

The CSS property to change the border of an element to Hex 415984 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
#415984 }
```

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

```
.border{ border-color:#415984 }
```

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

Here you see how a box with a 4 pixel #415984 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415984; -webkit-box-shadow:4px 4px  
4px 4px #415984; box-shadow:4px 4px 4px  
4px #415984 }
```

Background

The CSS property to change the background color of an element to Hex 415984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415984 }
```

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

```
.background{ background-color:#415984 }
```

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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