

Converting Colors

Hex(418B88)

Have a look what the booklet for
Hex(418B88) contains.

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Color

Hex(418B88)

Conversions

Conversions Part 1

Format	Color
Hex	418B88
RGB	65, 139, 136
RGB Percent	25%, 55%, 53%
CMY	0.7451, 0.4549, 0.4667
CMYK	0.53, 0.00, 0.02, 0.45
HSL	178°, 36%, 40%
HSV	178°, 53%, 55%
XYZ	15.8565, 21.3666, 26.5810
YIQ	116.5320, -43.1410, -16.6210

Conversions

Conversions Part 2

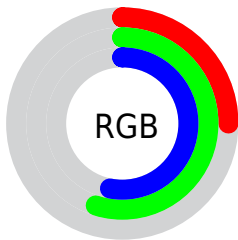
Format	Color
R _{YB}	65, 103, 139
Decimal	4295560
CIE Lab	53.35, -23.67, -5.43
CIE LCh	53, 24.281, 192.925
Yxy	21.3666, 0.2485, 0.3349
Android (android.graphics.Color)	4282485640 (0xFF418B88)
YUV	116.5320, 9.5977, -45.1936
Hunter-Lab	46.2241, -19.6601, -1.7377

Details

The Hex color **418B88** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B4144**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **77C1BD**, and **005956** is the 20% darker color. If you saturate the color by 10%, you get **338B87**, and if you desaturate by 10%, it is **4F8B89**.

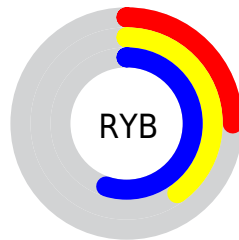
Distribution



Red (25%)

Green (55%)

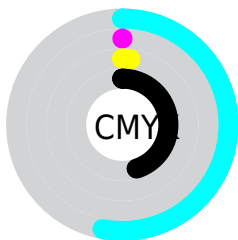
Blue (53%)



Red (25%)

Yellow (40%)

Blue (55%)

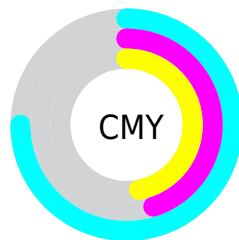


Cyan (53%)

Magenta (0%)

Yellow (2%)

Black (45%)



Cyan (75%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418B88 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 418B88 by changing the saturation by 10% instead.

 418B88

 418B88

FFFFFF

 24716F

 77C1BD

 005956

 93DDD9

 00413F

 AFF9F5

 002A29

 CBFFFF

 001515

 E8FFFF

 000000

 418B88

 418B88

 338B87

 4F8B89

 258B87

 5D8B89

■ 178B86

■ 6B8B8A

■ 098B86

■ 798B8A

■ 008B85

■ 868B8B

■ 948B8B

■ A28B8C

■ B08B8D

■ BE8B8D

Harmonies

Analogous

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



558A72



418B88



3E899B

Triad

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



418B88



8E779E



997A58

Complementary

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



418B88



8B4144

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.



A67364



418B88



A1718C

Square

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



418B88



727EA8



A97077



858156

Rectangle

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



418B88



4A87A4



A97077



9E785B

Sweetspot

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



418B88



98B5B4



458B41



4A5C5B



DBDBDB



5C5C5C

Same Dimension

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



418B88



41B5B0



416A8B



3E4545



00857F



000505

Inverse Universe

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



8B4144



B54146



8B6241



453E3E



850005



050000

Previews

White Background



This preview shows how the Hex color 418B88 looks on a white background.

Color Contrast Check

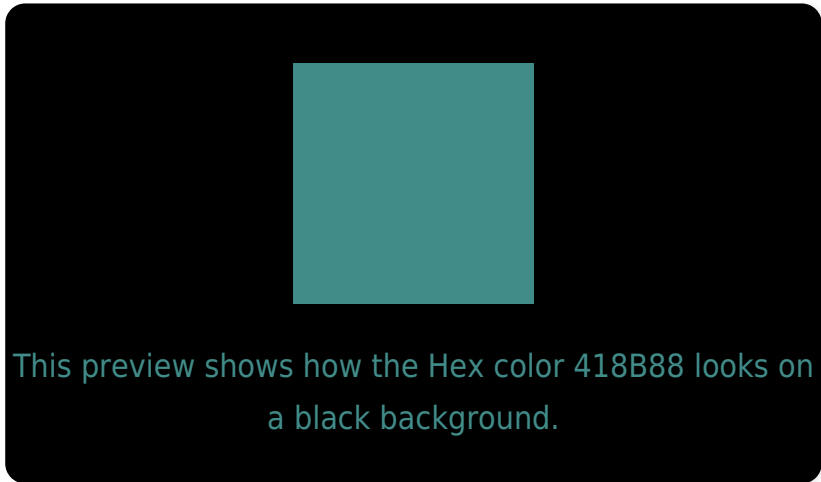
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

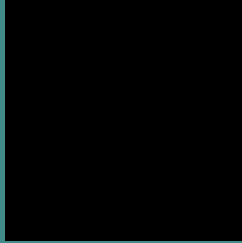
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 418B88 Background



This preview shows how black text looks on a background with the Hex color 418B88.

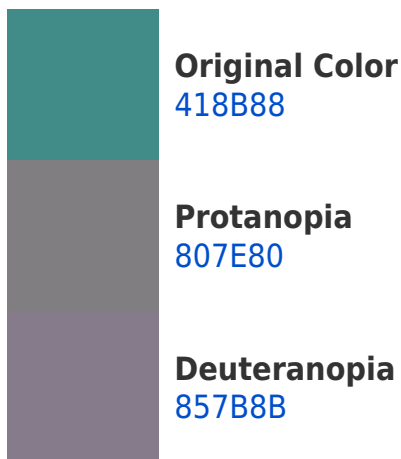


This preview shows how white text looks on a background with the Hex color 418B88.

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
458994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418B88 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 #418B88 looks like.

```
.text, #text, p{  
    color:#418B88  
}
```

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 #418B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418B88
}
```

Border

The CSS property to change the border of an element to Hex 418B88 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
#418B88 }
```

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

```
.border{ border-color:#418B88 }
```

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

Here you see how a box with a 4 pixel #418B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418B88; -webkit-box-shadow:4px 4px  
4px 4px #418B88; box-shadow:4px 4px 4px  
4px #418B88 }
```

Background

The CSS property to change the background color of an element to Hex 418B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418B88 }
```

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

```
.background{ background-color:#418B88 }
```

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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