

Converting Colors

Hex(418683)

Have a look what the booklet for
Hex(418683) contains.

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Color

Hex(418683)

Conversions

Conversions Part 1

Format	Color
Hex	418683
RGB	65, 134, 131
RGB Percent	25%, 53%, 51%
CMY	0.7451, 0.4745, 0.4863
CMYK	0.51, 0.00, 0.02, 0.47
HSL	177°, 35%, 39%
HSV	177°, 51%, 53%
XYZ	14.8018, 19.8127, 24.5168
YIQ	113.0270, -40.1610, -15.5610

Conversions

Conversions Part 2

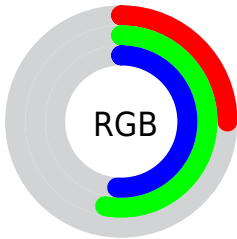
Format	Color
R_{YB}	65, 100, 134
Decimal	4294275
CIE _{Lab}	51.62, -22.48, -5.08
CIE _{LCh}	52, 23.047, 192.733
Yxy	19.8127, 0.2503, 0.3351
Android (android.graphics.Color)	4282484355 (0xFF418683)
YUV	113.0270, 8.8607, -42.1197
Hunter-Lab	44.5115, -18.5368, -1.4988

Details

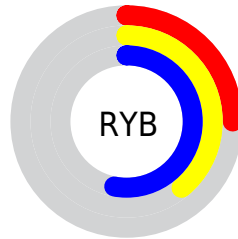
The Hex color **418683** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **864144**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **77BBB8**, and **005452** is the 20% darker color. If you saturate the color by 10%, you get **348682**, and if you desaturate by 10%, it is **4E8684**.

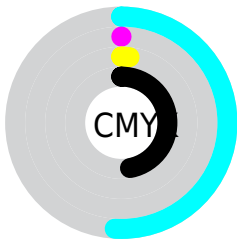
Distribution



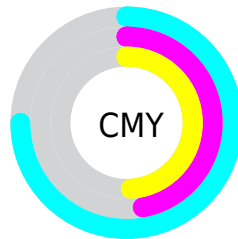
- Red (25%)
- Green (53%)
- Blue (51%)



- Red (25%)
- Yellow (39%)
- Blue (53%)



- Cyan (51%)
- Magenta (0%)
- Yellow (2%)
- Black (47%)



- Cyan (75%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418683 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 418683 by changing the saturation by 10% instead.

■ 418683

■ 418683

FFFFFF

■ 256D6A

■ 77BBB8

■ 005452

■ 92D7D4

■ 003C3B

■ AEF4F0

■ 002625

■ CAFFFF

■ 000C11

■ E7FFFF

■ 000000

■ 418683

■ 418683

■ 348682

■ 4E8684

■ 268682

■ 5C8684

■ 198681

■ 698685

■ 0B8681

■ 778685

■ 008680

■ 848686

■ 918686

■ 9F8687

■ AC8688

■ BA8688

Harmonies

Analogous

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



54856F



418683



3E8495

Triad

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



418683



887398



937656

Complementary

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



418683



864144

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.



9F7061



418683



9B6E87

Square

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



418683



6E7AA1



A36D73



817C54

Rectangle

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



418683



49829E



A36D73



987459

Sweetspot

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



418683



93ADAC



448641



475756



D6D6D6



575757

Same Dimension

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



418683



42ADA9



416786



3C4242



00827C



000302

Inverse Universe

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



864144



AD4247



866041



423C3C



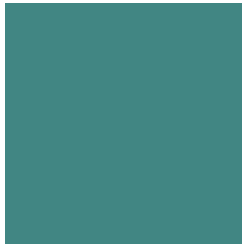
820006



030000

Previews

White Background



This preview shows how the Hex color 418683 looks on a white background.

Color Contrast Check

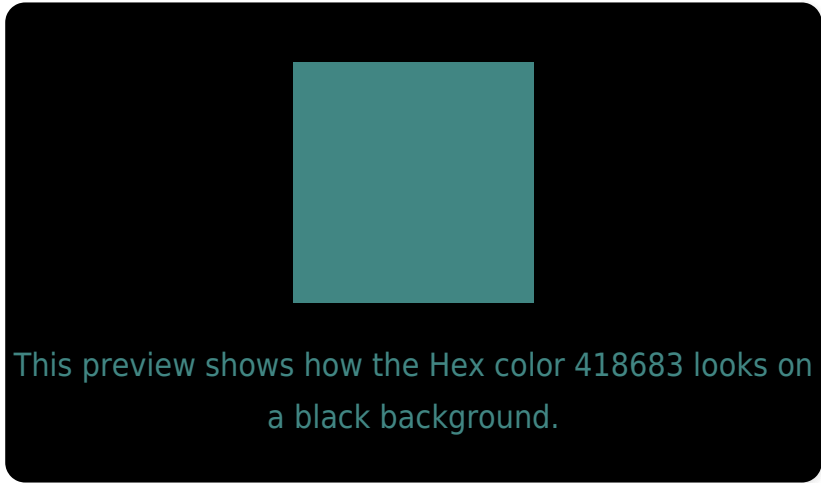
Large Text (above 18pt) WCAG AA ✓ Pass

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

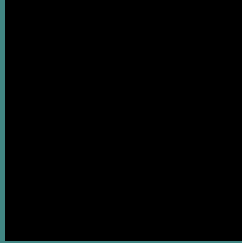
Any Text WCAG AA ✓ Pass

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 418683 Background



This preview shows how black text looks on a background with the Hex color 418683.

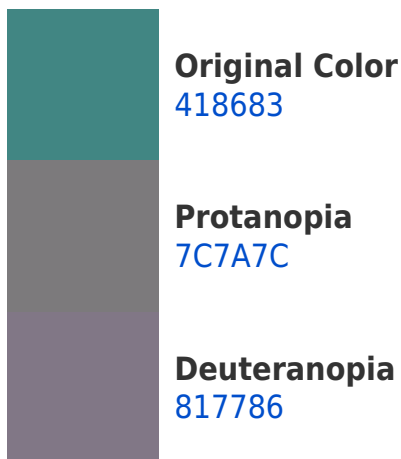



This preview shows how white text looks on a background with the Hex color 418683.

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
45848F

Trichromacy



Original Color
418683

Protanomaly
677E7F

Deuteranomaly
6A7C85

Tritanomaly
44858B

Monochromacy



Original Color
418683

Achromatopsia
717171

Achromatomaly
607978

CSS Examples

Text

The CSS property to change the color of the text to Hex 418683 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 #418683 looks like.

```
.text, #text, p{  
    color:#418683  
}
```

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 #418683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418683
}
```

Border

The CSS property to change the border of an element to Hex 418683 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
#418683 }
```

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

```
.border{ border-color:#418683 }
```

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

Here you see how a box with a 4 pixel #418683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418683; -webkit-box-shadow:4px 4px  
4px 4px #418683; box-shadow:4px 4px 4px  
4px #418683 }
```

Background

The CSS property to change the background color of an element to Hex 418683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418683 }
```

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

```
.background{ background-color:#418683 }
```

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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