

Converting Colors

Hex(418F65)

Have a look what the booklet for
Hex(418F65) contains.

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Color

Hex(418F65)

Conversions

Conversions Part 1	
Format	Color
Hex	418F65
RGB	65, 143, 101
RGB Percent	25%, 56%, 40%
CMY	0.7451, 0.4392, 0.6039
CMYK	0.55, 0.00, 0.29, 0.44
HSL	148°, 38%, 41%
HSV	148°, 55%, 56%
XYZ	14.3514, 21.7083, 15.7456
YIQ	114.8900, -33.0060, -29.5980

Conversions

Conversions Part 2

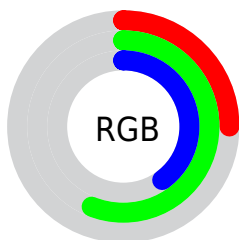
Format	Color
RYB	65, 118, 143
Decimal	4296549
CIELab	53.72, -34.25, 15.22
CIELCh	54, 37.482, 156.038
Yxy	21.7083, 0.2770, 0.4190
Android (android.graphics.Color)	4282486629 (0xFF418F65)
YUV	114.8900, -6.8478, -43.7535
Hunter-Lab	46.5922, -26.5545, 12.5777

Details

The Hex color **418F65** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8F416B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **77C598**, and **005C36** is the 20% darker color. If you saturate the color by 10%, you get **338F5D**, and if you desaturate by 10%, it is **4F8F6D**.

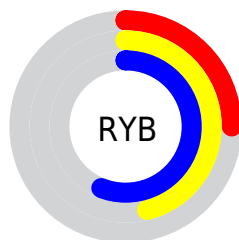
Distribution



Red (25%)

Green (56%)

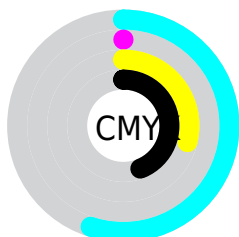
Blue (40%)



Red (25%)

Yellow (46%)

Blue (56%)

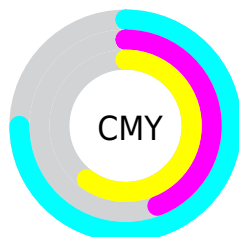


Cyan (55%)

Magenta (0%)

Yellow (29%)

Black (44%)



Cyan (75%)

Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418F65 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 418F65 by changing the saturation by 10% instead.

 418F65

FFFFFF

 77C598

 92E2B3

 AEFECE

 CAFFEB

 E7FFFF

 418F65

 25754D

 005C36

 004420

 002D0A

 001500

 000000

 418F65

 338F5D

 248F56

 418F65

 4F8F6D

 5E8F74

 168F4E

 6C8F7C

 088F46

 7A8F84

 008F42

 898F8C

 978F93

 A58F9B

 B38FA3

 C28FAA

Harmonies

Analogous

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



6C8A4A



418F65



009186

Triad

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



418F65



5882C0



BB6B5C

Complementary

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



418F65



8F416B

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.



BD667B



418F65



8C75B5

Square

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



418F65



008BBB



AE6A9B



A97546

Rectangle

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



418F65



00919C



AE6A9B



BD6866

Sweetspot

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



418F65



9CBAAA



6C8F41



4C5E55



DEDEDE



5E5E5E

Same Dimension

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



418F65



41BA79



418F8B



404744



00873E



000804

Inverse Universe

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



8F416B



BA4182



8F4145



474044



870049



080004

Previews

White Background



This preview shows how the Hex color 418F65 looks on a white background.

Color Contrast Check

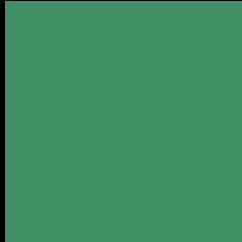
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 418F65 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

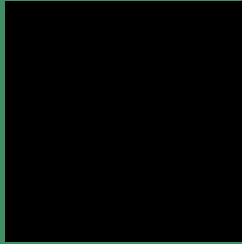
Any Text WCAG AA ✓ Pass

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 418F65 Background



This preview shows how black text looks on a background with the Hex color 418F65.



This preview shows how white text looks on a background with the Hex color 418F65.

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

418F65

Protanopia

897F5E

Deuteranopia

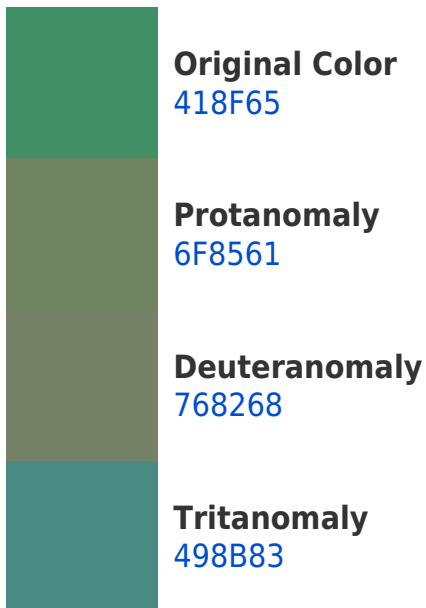
947B69



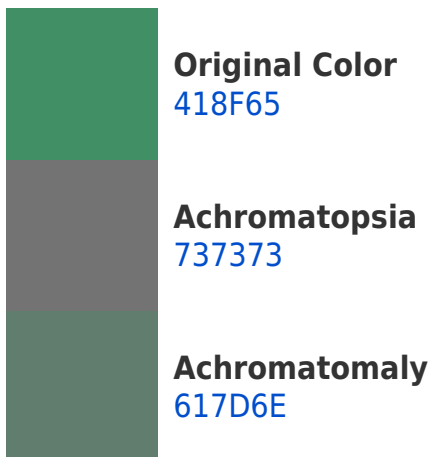
Tritanopia

4E8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418F65 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 #418F65 looks like.

```
.text, #text, p{  
    color:#418F65  
}
```

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 #418F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418F65
}
```

Border

The CSS property to change the border of an element to Hex 418F65 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
#418F65 }
```

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

```
.border{ border-color:#418F65 }
```

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

Here you see how a box with a 4 pixel #418F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418F65; -webkit-box-shadow:4px 4px  
4px 4px #418F65; box-shadow:4px 4px 4px  
4px #418F65 }
```

Background

The CSS property to change the background color of an element to Hex 418F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418F65 }
```

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

```
.background{ background-color:#418F65 }
```

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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