

Converting Colors

Hex(418559)

Have a look what the booklet for
Hex(418559) contains.

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Color

Hex(418559)

Conversions

Conversions Part 1

Format	Color
Hex	418559
RGB	65, 133, 89
RGB Percent	25%, 52%, 35%
CMY	0.7451, 0.4784, 0.6510
CMYK	0.51, 0.00, 0.33, 0.48
HSL	141°, 34%, 39%
HSV	141°, 51%, 52%
XYZ	12.3707, 18.6201, 12.3932
YIQ	107.6520, -26.4040, -28.1000

Conversions

Conversions Part 2

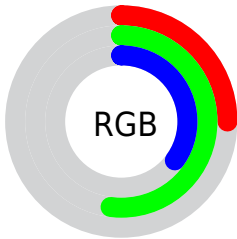
Format	Color
RYB	65, 115, 133
Decimal	4293977
CIELab	50.24, -32.13, 17.28
CIELCh	50, 36.480, 151.724
Yxy	18.6201, 0.2851, 0.4292
Android (android.graphics.Color)	4282484057 (0xFF418559)
YUV	107.6520, -9.1954, -37.4058
Hunter-Lab	43.1511, -24.3415, 13.1773

Details

The Hex color **418559** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85416D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **75BB8B**, and **04532B** is the 20% darker color. If you saturate the color by 10%, you get **348550**, and if you desaturate by 10%, it is **4E8562**.

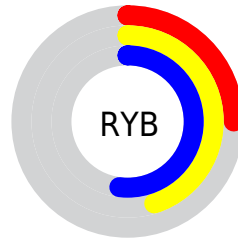
Distribution



Red (25%)

Green (52%)

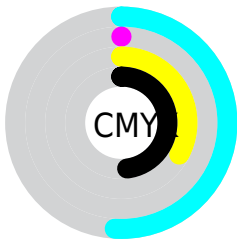
Blue (35%)



Red (25%)

Yellow (45%)

Blue (52%)

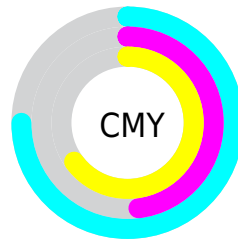


Cyan (51%)

Magenta (0%)

Yellow (33%)

Black (48%)



Cyan (75%)

Magenta (48%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418559 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 418559 by changing the saturation by 10% instead.



418559



418559

FFFFFF



266B41



75BB8B



04532B



90D7A6



003B16



ACF3C1



002500



C8FFDD



000200



E5FFF9



000000



418559



418559



348550



4E8562



268548



5C856A

■ 19853F

■ 698573

■ 0C8537

■ 76857B

■ 00852F

■ 848584

■ 91858D

■ 9E8595

■ AB859E

■ B985A6

Harmonies

Analogous

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



697F41



418559



008778

Triad

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



418559



467AB5



B16159

Complementary

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



418559



85416D

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.



B15E77



418559



7C6FAC

Square

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



418559



0082AE



A06395



A26B41

Rectangle

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



418559



00878D



A06395



B25F62

Sweetspot

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



418559



93AD9D



6D8541



47574D



D6D6D6



575757

Same Dimension

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



418559



44AD69



41857B



3C423E



00822E



000301

Inverse Universe

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



85416D



AD4488



85414B



423C40



820054



030002

Previews

White Background



This preview shows how the Hex color 418559 looks on a white background.

Color Contrast Check

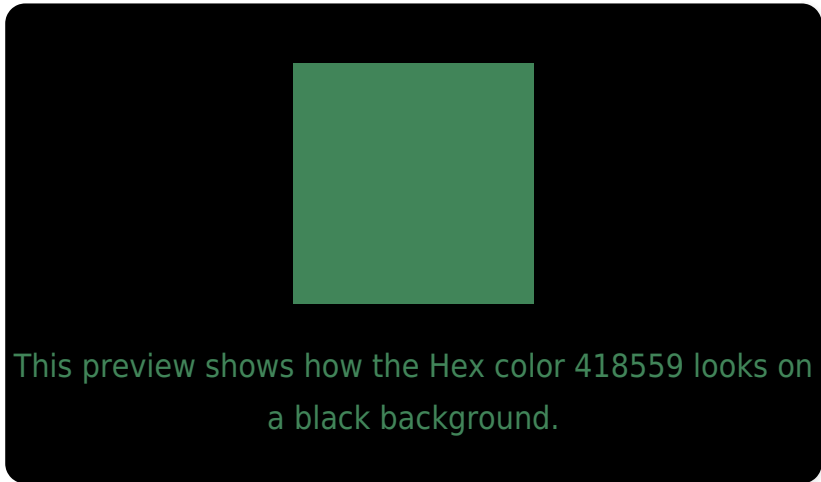
Large Text (above 18pt) WCAG AA ✓ Pass

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

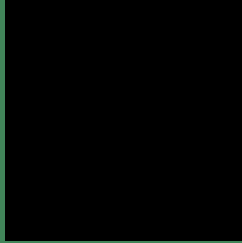
Any Text WCAG AA ✓ Pass

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 418559 Background



This preview shows how black text looks on a background with the Hex color 418559.

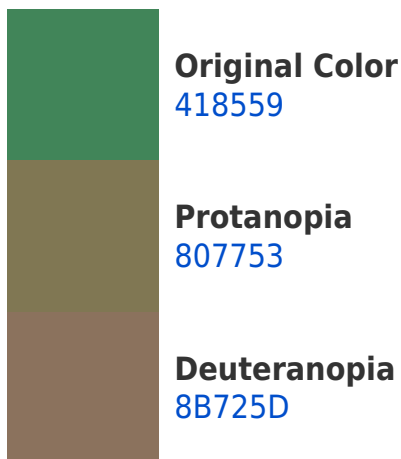


This preview shows how white text looks on a background with the Hex color 418559.

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
4D7F89

Trichromacy



Original Color
418559

Protanomaly
697C55

Deuteranomaly
70795C

Tritanomaly
498178

Monochromacy



Original Color
418559

Achromatopsia
6C6C6C

Achromatomaly
5C7565

CSS Examples

Text

The CSS property to change the color of the text to Hex 418559 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 #418559 looks like.

```
.text, #text, p{  
    color:#418559  
}
```

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 #418559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418559
}
```

Border

The CSS property to change the border of an element to Hex 418559 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
#418559 }
```

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

```
.border{ border-color:#418559 }
```

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

Here you see how a box with a 4 pixel #418559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418559; -webkit-box-shadow:4px 4px  
4px 4px #418559; box-shadow:4px 4px 4px  
4px #418559 }
```

Background

The CSS property to change the background color of an element to Hex 418559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418559 }
```

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

```
.background{ background-color:#418559 }
```

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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