

Converting Colors

Hex(418455)

Have a look what the booklet for
Hex(418455) contains.

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Color

Hex(418455)

Conversions

Conversions Part 1

Format	Color
Hex	418455
RGB	65, 132, 85
RGB Percent	25%, 52%, 33%
CMY	0.7451, 0.4824, 0.6667
CMYK	0.51, 0.00, 0.36, 0.48
HSL	138°, 34%, 39%
HSV	138°, 51%, 52%
XYZ	12.0709, 18.2822, 11.4869
YIQ	106.6090, -24.8450, -28.8210

Conversions

Conversions Part 2

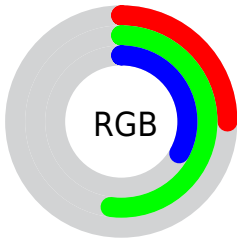
Format	Color
RYB	65, 117, 132
Decimal	4293717
CIELab	49.84, -32.45, 19.01
CIELCh	50, 37.610, 149.641
Yxy	18.2822, 0.2885, 0.4370
Android (android.graphics.Color)	4282483797 (0xFF418455)
YUV	106.6090, -10.6532, -36.4911
Hunter-Lab	42.7577, -24.4337, 14.0020

Details

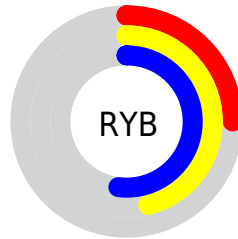
The Hex color **418455** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844170**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **75BA87**, and **055227** is the 20% darker color. If you saturate the color by 10%, you get **34844C**, and if you desaturate by 10%, it is **4E845E**.

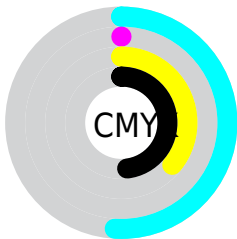
Distribution



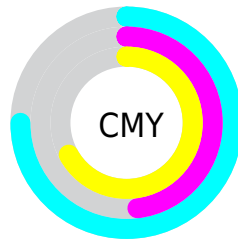
- Red (25%)
- Green (52%)
- Blue (33%)



- Red (25%)
- Yellow (46%)
- Blue (52%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)
- Black (48%)



- Cyan (75%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418455 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 418455 by changing the saturation by 10% instead.

 418455

 418455

FFFFFF

 266A3E

 75BA87

 055227

 90D6A1

 003A12

 ACF2BC

 002500

 C8FFD8

 000000

 E4FFF5

 418455

 418455

 34844C

 4E845E

 278442

 5B8468

■ 198439

■ 698471

■ 0C8430

■ 76847A

■ 008427

■ 838483

■ 90848D

■ 9D8496

■ AB849F

■ B884A8

Harmonies

Analogous

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



697E3D



418455



008775

Triad

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



418455



3D7AB6



B15F59

Complementary

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



418455



844170

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.



B15C78



418455



786EAE

Square

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



418455



0082AD



9E6297



A36940

Rectangle

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



418455



00878B



9E6297



B35D63

Sweetspot

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



418455



91AB99



718441



47574C



D6D6D6



575757

Same Dimension

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



418455



43AB62



418475



3C423E



008227



000301

Inverse Universe

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



844170



AB438C



844150



423C40



82005B



030002

Previews

White Background



This preview shows how the Hex color 418455 looks on a white background.

Color Contrast Check

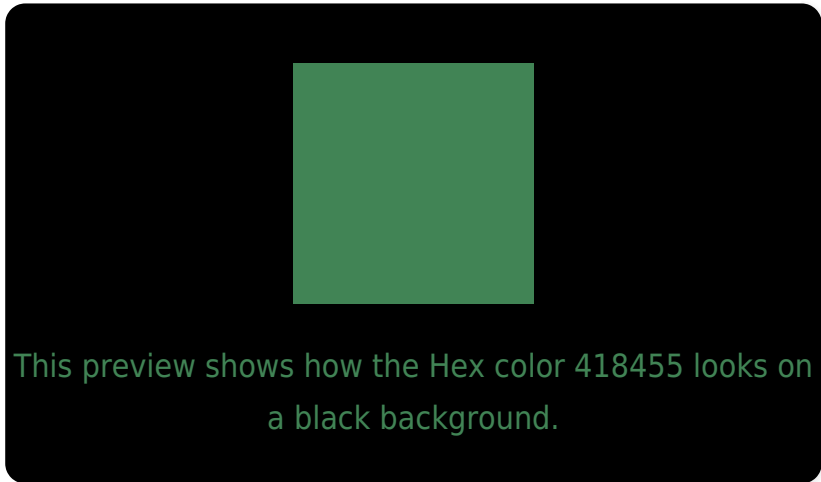
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 418455 Background



This preview shows how black text looks on a background with the Hex color 418455.

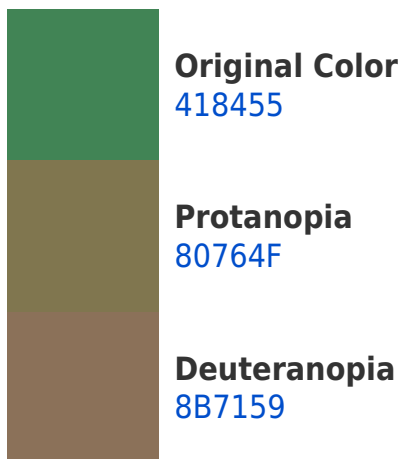


This preview shows how white text looks on a background with the Hex color 418455.

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
4E7E88

Trichromacy



Original Color
418455

Protanomaly
697B51

Deuteranomaly
707858

Tritanomaly
498075

Monochromacy



Original Color
418455

Achromatopsia
6B6B6B

Achromatomaly
5C7463

CSS Examples

Text

The CSS property to change the color of the text to Hex 418455 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 #418455 looks like.

```
.text, #text, p{  
    color:#418455  
}
```

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 #418455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418455
}
```

Border

The CSS property to change the border of an element to Hex 418455 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
#418455 }
```

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

```
.border{ border-color:#418455 }
```

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

Here you see how a box with a 4 pixel #418455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418455; -webkit-box-shadow:4px 4px  
4px 4px #418455; box-shadow:4px 4px 4px  
4px #418455 }
```

Background

The CSS property to change the background color of an element to Hex 418455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418455 }
```

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

```
.background{ background-color:#418455 }
```

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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