

Converting Colors

Hex(405847)

Have a look what the booklet for
Hex(405847) contains.

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Color

Hex(405847)

Conversions

Conversions Part 1

Format	Color
Hex	405847
RGB	64, 88, 71
RGB Percent	25%, 35%, 28%
CMY	0.7490, 0.6549, 0.7216
CMYK	0.27, 0.00, 0.19, 0.65
HSL	138°, 16%, 30%
HSV	138°, 27%, 35%
XYZ	6.7414, 8.5244, 7.2513
YIQ	78.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

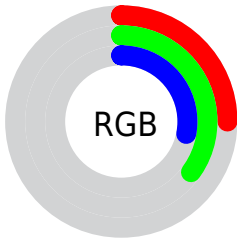
Format	Color
RYB	64, 83, 88
Decimal	4216903
CIELab	35.05, -13.08, 6.95
CIELCh	35, 14.814, 152.009
Yxy	8.5244, 0.2994, 0.3786
Android (android.graphics.Color)	4282406983 (0xFF405847)
YUV	78.8860, -3.8878, -13.0550
Hunter-Lab	29.1965, -9.8787, 5.7122

Details

The Hex color **405847** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **584051**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **708A77**, and **142A1C** is the 20% darker color. If you saturate the color by 10%, you get **375841**, and if you desaturate by 10%, it is **49584D**.

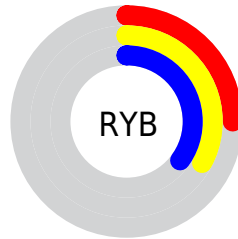
Distribution



 Red (25%)

 Green (35%)

 Blue (28%)



 Red (25%)

 Yellow (33%)

 Blue (35%)

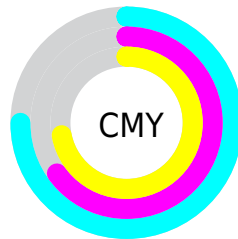


 Cyan (27%)

 Magenta (0%)

 Yellow (19%)

 Black (65%)



 Cyan (75%)

 Magenta (65%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405847 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 405847 by changing the saturation by 10% instead.



405847



405847

FFFFFF



294131



708A77



142A1C



8AA491



001701



A4BFAC



000000



C0DBC7



DBF8E3



F8FFFF



405847



405847



375841



49584D

■ 2E583B

■ 525853

■ 265834

■ 5A585A

■ 1D582E

■ 635860

■ 145828

■ 6C5866

■ 0B5822

■ 75586C

■ 02581B

■ 7E5873

■ 00581A

■ 865879

■ 8F587F

Harmonies

Analogous

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



4E553E



405847



345953

Triad

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



405847



45536A



6A4B46

Complementary

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



405847



584051

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.



6A4A52



405847



554F66

Square

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



405847



365767



624C5E



644E3E

Rectangle

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



405847



30595B



624C5E



6B4A4A

Sweetspot

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



405847



6A736C



515840



353B36



BABABA



3B3B3B

Same Dimension

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



405847



4D7358



405853



272B28



006B1F



00EB44

Inverse Universe

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



584051



734D68



584045



2B272A



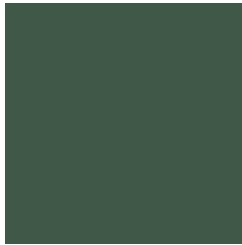
6B004C



EB00A6

Previews

White Background



This preview shows how the Hex color 405847 looks on a white background.

Color Contrast Check

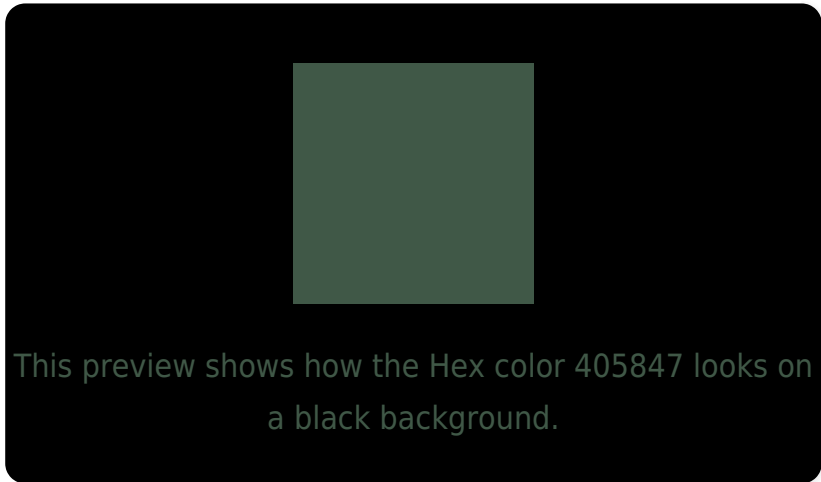
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

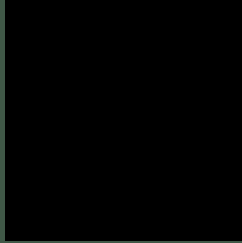
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 405847 Background



This preview shows how black text looks on a background with the Hex color 405847.



This preview shows how white text looks on a background with the Hex color 405847.

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](#).

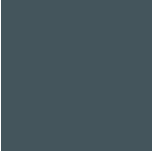
Dichromacy



Original Color
405847

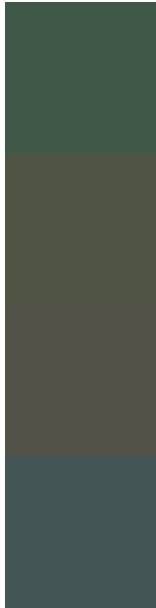
Protanopia
575244

Deuteranopia
5E4F49



Tritanopia
44555C

Trichromacy



Original Color
405847

Protanomaly
4F5445

Deuteranomaly
535248

Tritanomaly
435654

Monochromacy



Original Color
405847

Achromatopsia
4F4F4F

Achromatomaly
4A524C

CSS Examples

Text

The CSS property to change the color of the text to Hex 405847 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 #405847 looks like.

```
.text, #text, p{  
    color:#405847  
}
```

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 #405847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405847
}
```

Border

The CSS property to change the border of an element to Hex 405847 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
#405847 }
```

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

```
.border{ border-color:#405847 }
```

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

Here you see how a box with a 4 pixel #405847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405847; -webkit-box-shadow:4px 4px  
4px 4px #405847; box-shadow:4px 4px 4px  
4px #405847 }
```

Background

The CSS property to change the background color of an element to Hex 405847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405847 }
```

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

```
.background{ background-color:#405847 }
```

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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