

Converting Colors

Hex(405643)

Have a look what the booklet for
Hex(405643) contains.

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Color

Hex(405643)

Conversions

Conversions Part 1

Format	Color
Hex	405643
RGB	64, 86, 67
RGB Percent	25%, 34%, 26%
CMY	0.7490, 0.6627, 0.7373
CMYK	0.26, 0.00, 0.22, 0.66
HSL	128°, 15%, 29%
HSV	128°, 26%, 34%
XYZ	6.4553, 8.1508, 6.5432
YIQ	77.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

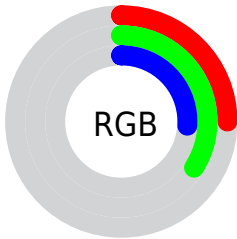
Format	Color
RYB	64, 83, 86
Decimal	4216387
CIELab	34.30, -12.79, 8.38
CIELCh	34, 15.289, 146.775
Yxy	8.1508, 0.3052, 0.3854
Android (android.graphics.Color)	4282406467 (0xFF405643)
YUV	77.2560, -5.0562, -11.6255
Hunter-Lab	28.5496, -9.6018, 6.3962

Details

The Hex color **405643** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **564053**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **708873**, and **142918** is the 20% darker color. If you saturate the color by 10%, you get **37563C**, and if you desaturate by 10%, it is **49564A**.

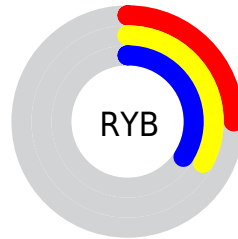
Distribution



Red (25%)

Green (34%)

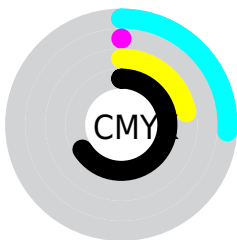
Blue (26%)



Red (25%)

Yellow (33%)

Blue (34%)

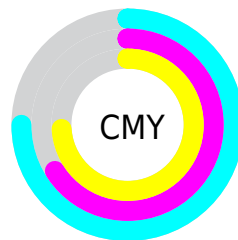


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405643 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 405643 by changing the saturation by 10% instead.

 405643

 405643

FFFFFF

 2A3F2D

 708873

 142918

 8AA28D

 001500

 A4BDA7

 000000

 BFD9C2

 DBF5DE

 F8FFFB

 405643

 405643

 37563C

 49564A

■ 2F5634

■ 515652

■ 26562D

■ 5A5659

■ 1E5625

■ 625661

■ 15561E

■ 6B5668

■ 0C5616

■ 745670

■ 04560F

■ 7C5677

■ 00560C

■ 85567E

■ 8D5686

Harmonies

Analogous

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



4E533B



405643



33574F

Triad

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



405643



405269



694846

Complementary

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



405643



564053

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.



684852



405643



514E66

Square

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



405643



315565



5F4A5E



644B3D

Rectangle

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



405643



2E5757



5F4A5E



69484A

Sweetspot

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



405643



677068



535640



323833



B8B8B8



383838

Same Dimension

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



405643



4D7052



40564E



272B28



006B0F



00EB20

Inverse Universe

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



564053



704D6B



564048



2B272B



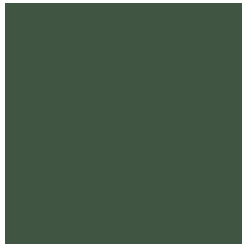
6B005C



EB00CB

Previews

White Background



This preview shows how the Hex color 405643 looks on a white background.

Color Contrast Check

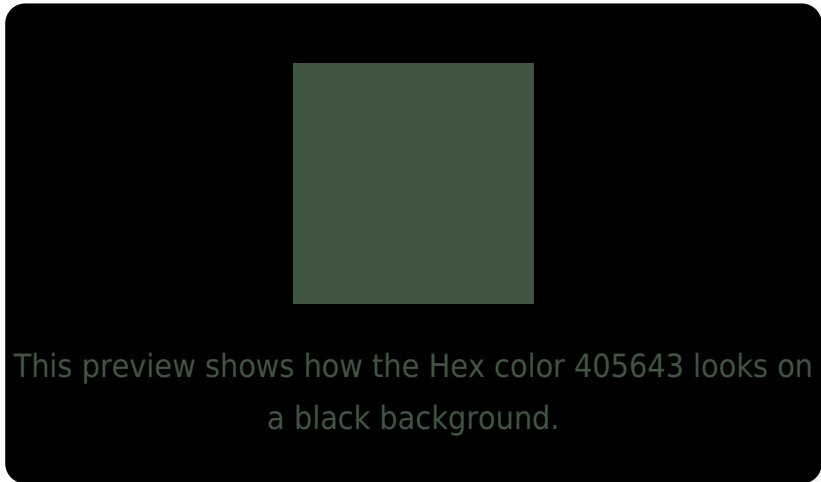
Large Text (above 18pt) WCAG AA ✓ Pass

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

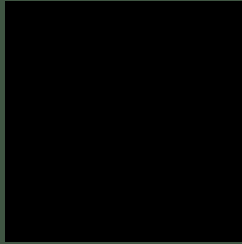
Any Text WCAG AA × Fail

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 405643 Background



This preview shows how black text looks on a background with the Hex color 405643.



This preview shows how white text looks on a background with the Hex color 405643.

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](#).

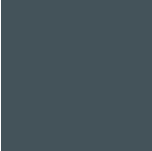
Dichromacy



Original Color
405643

Protanopia
555040

Deuteranopia
5C4D45



Tritanopia
44535A

Trichromacy



Original Color
405643

Protanomaly
4D5241

Deuteranomaly
525044

Tritanomaly
435452

Monochromacy



Original Color
405643

Achromatopsia
4D4D4D

Achromatomaly
485049

CSS Examples

Text

The CSS property to change the color of the text to Hex 405643 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 #405643 looks like.

```
.text, #text, p{  
    color:#405643  
}
```

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 #405643 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405643
}
```

Border

The CSS property to change the border of an element to Hex 405643 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
#405643 }
```

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

```
.border{ border-color:#405643 }
```

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

Here you see how a box with a 4 pixel #405643 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405643; -webkit-box-shadow:4px 4px  
4px 4px #405643; box-shadow:4px 4px 4px  
4px #405643 }
```

Background

The CSS property to change the background color of an element to Hex 405643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405643 }
```

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

```
.background{ background-color:#405643 }
```

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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