

Converting Colors

Hex(405946)

Have a look what the booklet for
Hex(405946) contains.

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Color

Hex(405946)

Conversions

Conversions Part 1

Format	Color
Hex	405946
RGB	64, 89, 70
RGB Percent	25%, 35%, 27%
CMY	0.7490, 0.6510, 0.7255
CMYK	0.28, 0.00, 0.21, 0.65
HSL	134°, 16%, 30%
HSV	134°, 28%, 35%
XYZ	6.7922, 8.6769, 7.1112
YIQ	79.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

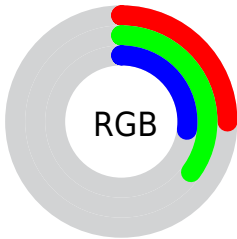
Format	Color
RYB	64, 84, 89
Decimal	4217158
CIELab	35.35, -13.87, 8.00
CIElCh	35, 16.010, 150.019
Yxy	8.6769, 0.3008, 0.3843
Android (android.graphics.Color)	4282407238 (0xFF405946)
YUV	79.3590, -4.6140, -13.4698
Hunter-Lab	29.4566, -10.3900, 6.3064

Details

The Hex color **405946** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **594053**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **708B76**, and **142B1B** is the 20% darker color. If you saturate the color by 10%, you get **37593F**, and if you desaturate by 10%, it is **49594D**.

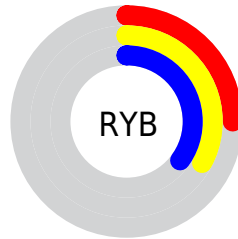
Distribution



Red (25%)

Green (35%)

Blue (27%)



Red (25%)

Yellow (33%)

Blue (35%)

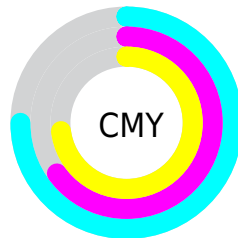


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405946 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 405946 by changing the saturation by 10% instead.



405946



405946

FFFFFF



294230



708B76



142B1B



8AA590



001800



A4C1AA



000000



C0DDC6



DCF9E2



F8FFFE



405946



405946



37593F



49594D

■ 2E5938

■ 525954

■ 255932

■ 5B595A

■ 1C592B

■ 645961

■ 145924

■ 6D5968

■ 0B591D

■ 75596F

■ 025917

■ 7E5975

■ 005915

■ 87597C

■ 905983

Harmonies

Analogous

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



4F563D



405946



335A53

Triad

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



405946



43546C



6D4B47

Complementary

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



405946



594053

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.



6C4A54



405946



555069

Square

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



405946



335869



644C60



674E3D

Rectangle

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



405946



2D5A5B



644C60



6D4A4B

Sweetspot

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



405946



6A736C



535940



353B36



BABABA



3B3B3B

Same Dimension

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



405946



4C7355



405952



272B28



006B1A



00EB38

Inverse Universe

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



594053



734C69



594047



2B272A



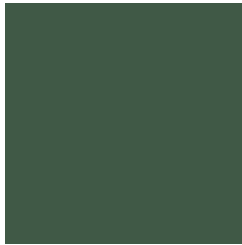
6B0051



EB00B2

Previews

White Background



This preview shows how the Hex color 405946 looks on a white background.

Color Contrast Check

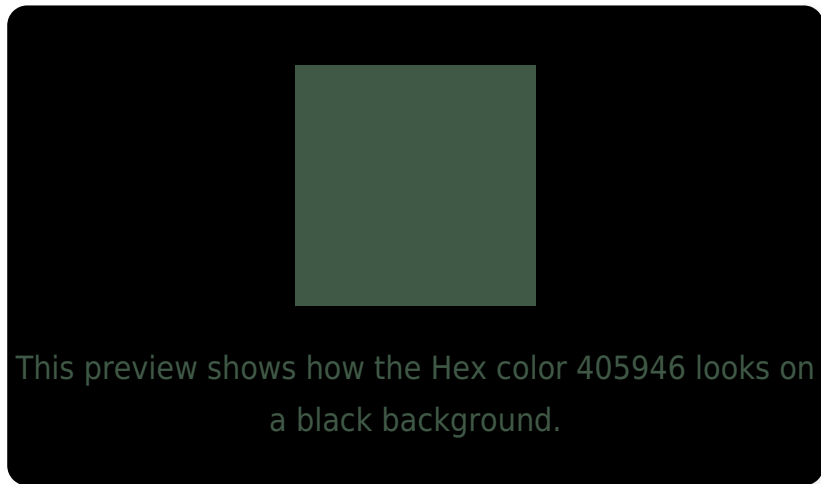
Large Text (above 18pt) WCAG AA ✓ Pass

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

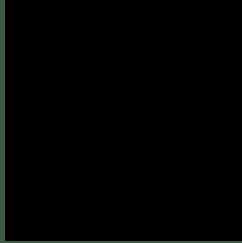
Any Text WCAG AA × Fail

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 405946 Background



This preview shows how black text looks on a background with the Hex color 405946.



This preview shows how white text looks on a background with the Hex color 405946.

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](#).

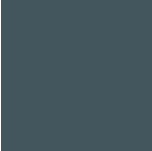
Dichromacy



Original Color
405946

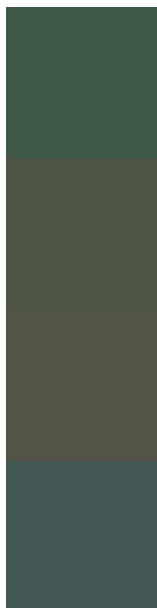
Protanopia
585343

Deuteranopia
5F5048



Tritanopia
44565D

Trichromacy



Original Color

405946

Protanomaly

4F5544

Deuteranomaly

545347

Tritanomaly

435755

Monochromacy



Original Color

405946

Achromatopsia

4F4F4F

Achromatomaly

4A534C

CSS Examples

Text

The CSS property to change the color of the text to Hex 405946 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 #405946 looks like.

```
.text, #text, p{  
    color:#405946  
}
```

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 #405946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405946
}
```

Border

The CSS property to change the border of an element to Hex 405946 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
#405946 }
```

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

```
.border{ border-color:#405946 }
```

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

Here you see how a box with a 4 pixel #405946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405946; -webkit-box-shadow:4px 4px  
4px 4px #405946; box-shadow:4px 4px 4px  
4px #405946 }
```

Background

The CSS property to change the background color of an element to Hex 405946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405946 }
```

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

```
.background{ background-color:#405946 }
```

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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