

Converting Colors

Hex(405A06)

Have a look what the booklet for
Hex(405A06) contains.

Hex(405A06)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(405A06)

Conversions

Conversions Part 1

Format	Color
Hex	405A06
RGB	64, 90, 6
RGB Percent	25%, 35%, 2%
CMY	0.7490, 0.6471, 0.9765
CMYK	0.29, 0.00, 0.93, 0.65
HSL	79°, 88%, 19%
HSV	79°, 93%, 35%
XYZ	5.8034, 8.4155, 1.4908
YIQ	72.6500, 11.4680, -31.6360

Conversions

Conversions Part 2

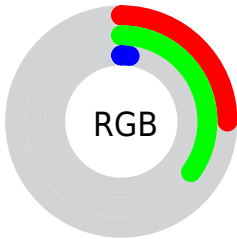
Format	Color
RYB	6, 90, 32
Decimal	4217350
CIELab	34.83, -22.22, 39.80
CIELCh	35, 45.582, 119.179
Yxy	8.4155, 0.3694, 0.5357
Android (android.graphics.Color)	4282407430 (0xFF405A06)
YUV	72.6500, -32.8584, -7.5860
Hunter-Lab	29.0094, -15.0572, 17.2597

Details

The Hex color **405A06** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **20065A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **738C3B**, and **0E2C00** is the 20% darker color. If you saturate the color by 10%, you get **3E5A00**, and if you desaturate by 10%, it is **435A0F**.

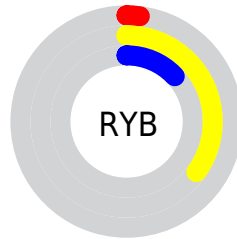
Distribution



Red (25%)

Green (35%)

Blue (2%)



Red (2%)

Yellow (35%)

Blue (13%)

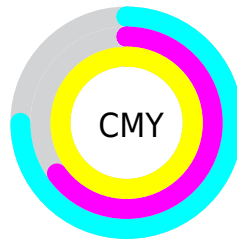


Cyan (29%)

Magenta (0%)

Yellow (93%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405A06 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 405A06 by changing the saturation by 10% instead.

 405A06

 405A06

 FFFFF6

 284200

 738C3B

 0E2C00

 8DA754

 001A00

 A9C26D

 000000

 C5DE87

 E1FAA2

 FEFFBD

 FFFFD9

 405A06

 405A06

■ 3E5A00

■ 435A0F

■ 465A18

■ 485A21

■ 4B5A2A

■ 4E5A33

■ 515A3C

■ 545A45

■ 565A4E

■ 595A57

Harmonies

Analogous

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



645000



405A06



00602A

Triad

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



405A06



005F90



902C54

Complementary

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



405A06



20065A

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.



7C3778



405A06



00579B

Square

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



405A06



006274



4E4992



903231

Rectangle

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



405A06



006243



4E4992



8C2E61

Sweetspot

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



405A06



6B7554



5A1F06



343B27



BABABA



3B3B3B

Same Dimension

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



405A06



517500



175A06



2C2E29



4C6E00



A4ED00

Inverse Universe

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



20065A



240075



49065A



2B292E



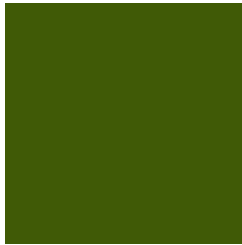
22006E



4900ED

Previews

White Background



This preview shows how the Hex color 405A06 looks on a white background.

Color Contrast Check

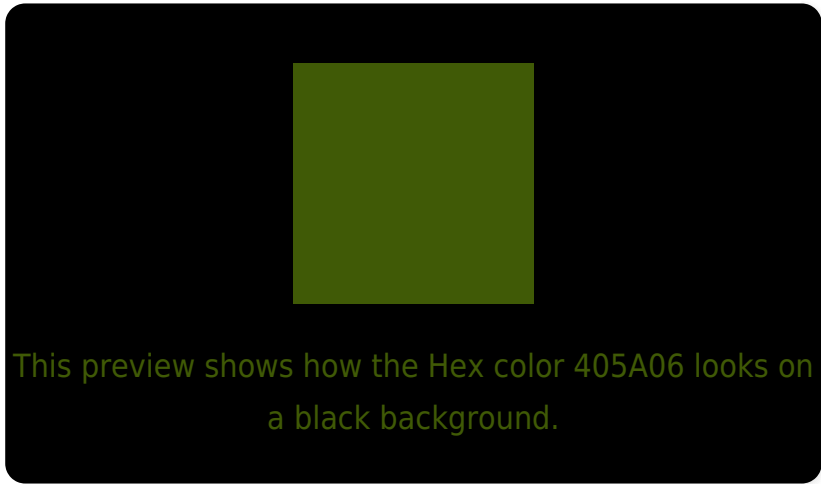
Large Text (above 18pt) WCAG AA ✓ Pass

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

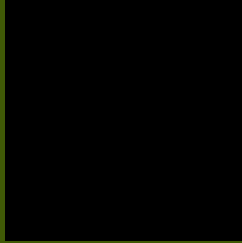
Any Text WCAG AA × Fail

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 405A06 Background



This preview shows how black text looks on a background with the Hex color 405A06.



This preview shows how white text looks on a background with the Hex color 405A06.

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
405A06

Protanopia
5C5200

Deuteranopia
674E12



Tritanopia
49545A

Trichromacy



Original Color
405A06

Protanomaly
525502

Deuteranomaly
59520E

Tritanomaly
46563B

Monochromacy



Original Color
405A06

Achromatopsia
494949

Achromatomaly
464F31

CSS Examples

Text

The CSS property to change the color of the text to Hex 405A06 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 #405A06 looks like.

```
.text, #text, p{  
    color:#405A06  
}
```

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 #405A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405A06
}
```

Border

The CSS property to change the border of an element to Hex 405A06 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
#405A06 }
```

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

```
.border{ border-color:#405A06 }
```

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

Here you see how a box with a 4 pixel #405A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405A06; -webkit-box-shadow:4px 4px  
4px 4px #405A06; box-shadow:4px 4px 4px  
4px #405A06 }
```

Background

The CSS property to change the background color of an element to Hex 405A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405A06 }
```

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

```
.background{ background-color:#405A06 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor