

Converting Colors

Hex(405C17)

Have a look what the booklet for
Hex(405C17) contains.

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Color

Hex(405C17)

Conversions

Conversions Part 1

Format	Color
Hex	405C17
RGB	64, 92, 23
RGB Percent	25%, 36%, 9%
CMY	0.7490, 0.6392, 0.9098
CMYK	0.30, 0.00, 0.75, 0.64
HSL	84°, 60%, 23%
HSV	84°, 75%, 36%
XYZ	6.0962, 8.8061, 2.1891
YIQ	75.7620, 5.4610, -27.3950

Conversions

Conversions Part 2

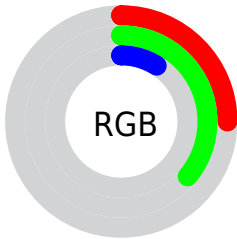
Format	Color
R_{YB}	23, 92, 51
Decimal	4217879
CIE Lab	35.61, -22.31, 34.60
CIE LCh	36, 41.164, 122.811
Yxy	8.8061, 0.3567, 0.5152
Android (android.graphics.Color)	4282407959 (0xFF405C17)
YUV	75.7620, -26.0117, -10.3153
Hunter-Lab	29.6751, -15.2623, 16.3989

Details

The Hex color **405C17** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33175C**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **728E47**, and **102E00** is the 20% darker color. If you saturate the color by 10%, you get **3C5C0E**, and if you desaturate by 10%, it is **445C20**.

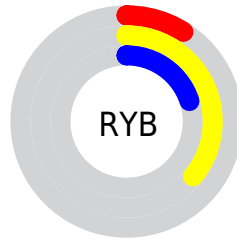
Distribution



Red (25%)

Green (36%)

Blue (9%)



Red (9%)

Yellow (36%)

Blue (20%)

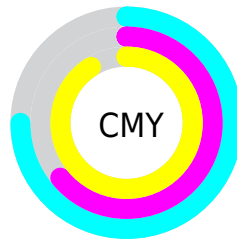


Cyan (30%)

Magenta (0%)

Yellow (75%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405C17 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 405C17 by changing the saturation by 10% instead.



405C17



405C17

FFFFFF



284400



728E47



102E00



8DA960



001B00



A8C479



000000



C3E093



E0FDAE



FDFPCA



FFFFE6



405C17



405C17

■ 3C5C0E

■ 445C20

■ 395C05

■ 475C29

■ 375C00

■ 4B5C33

■ 4F5C3C

■ 535C45

■ 565C4E

■ 5A5C57

■ 5E5C61

■ 625C6A

Harmonies

Analogous

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



625308



405C17



006134

Triad

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



405C17



005F8E



8E3452

Complementary

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



405C17



33175C

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.



7E3B72



405C17



005796

Square

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



405C17



006377



584A8B



8C3A32

Rectangle

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



405C17



00634A



584A8B



8B355D

Sweetspot

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



405C17



6D785C



5C3317



363D2C



BDBDBD



3D3D3D

Same Dimension

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



405C17



4C780C



1E5C17



2C2E29



416E00



8DED00

Inverse Universe

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



33175C



380C78



55175C



2B292E



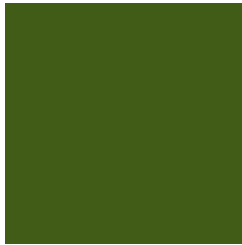
2C006E



6000ED

Previews

White Background



This preview shows how the Hex color 405C17 looks on a white background.

Color Contrast Check

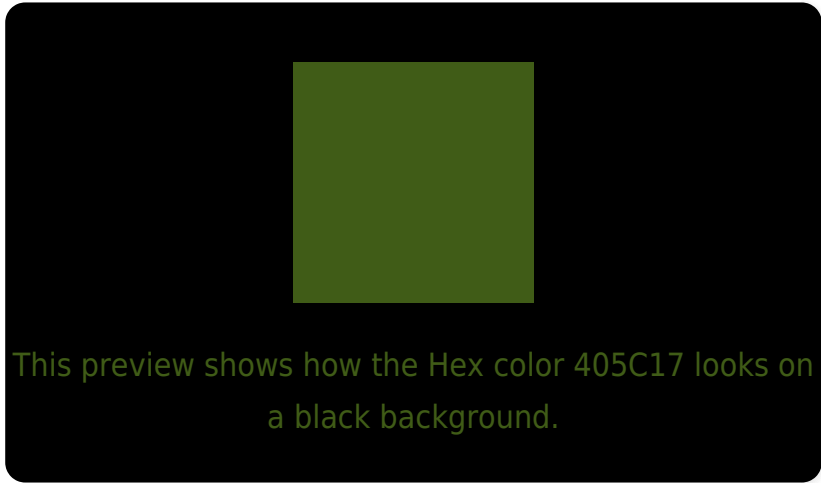
Large Text (above 18pt) WCAG AA ✓ Pass

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

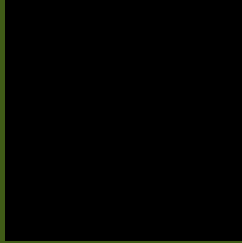
Any Text WCAG AA × Fail

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 405C17 Background



This preview shows how black text looks on a background with the Hex color 405C17.



This preview shows how white text looks on a background with the Hex color 405C17.

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](#).

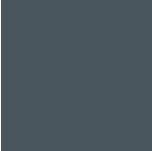
Dichromacy



Original Color
405C17

Protanopia
5E5415

Deuteranopia
684F1C



Tritanopia
49565D

Trichromacy



Original Color
405C17

Protanomaly
535716

Deuteranomaly
59541A

Tritanomaly
465844

Monochromacy



Original Color
405C17

Achromatopsia
4C4C4C

Achromatomaly
485239

CSS Examples

Text

The CSS property to change the color of the text to Hex 405C17 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 #405C17 looks like.

```
.text, #text, p{  
    color:#405C17  
}
```

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 #405C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405C17
}
```

Border

The CSS property to change the border of an element to Hex 405C17 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
#405C17 }
```

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

```
.border{ border-color:#405C17 }
```

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

Here you see how a box with a 4 pixel #405C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405C17; -webkit-box-shadow:4px 4px  
4px 4px #405C17; box-shadow:4px 4px 4px  
4px #405C17 }
```

Background

The CSS property to change the background color of an element to Hex 405C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405C17 }
```

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

```
.background{ background-color:#405C17 }
```

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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