

Converting Colors

Hex(405D23)

Have a look what the booklet for
Hex(405D23) contains.

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Color

Hex(405D23)

Conversions

Conversions Part 1

Format	Color
Hex	405D23
RGB	64, 93, 35
RGB Percent	25%, 36%, 14%
CMY	0.7490, 0.6353, 0.8627
CMYK	0.31, 0.00, 0.62, 0.64
HSL	90°, 45%, 25%
HSV	90°, 62%, 36%
XYZ	6.3321, 9.0400, 3.0013
YIQ	77.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

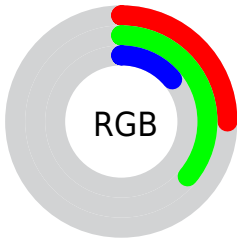
Format	Color
R_{YB}	35, 93, 64
Decimal	4218147
CIE Lab	36.06, -21.71, 29.35
CIE LCh	36, 36.503, 126.493
Yxy	9.0400, 0.3446, 0.4920
Android (android.graphics.Color)	4282408227 (0xFF405D23)
YUV	77.7170, -21.0595, -12.0298
Hunter-Lab	30.0667, -15.0243, 15.1283

Details

The Hex color **405D23** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **40235D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **729052**, and **132F00** is the 20% darker color. If you saturate the color by 10%, you get **3B5D1A**, and if you desaturate by 10%, it is **455D2C**.

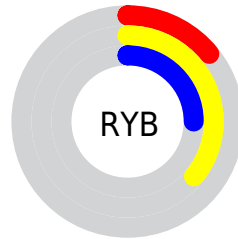
Distribution



Red (25%)

Green (36%)

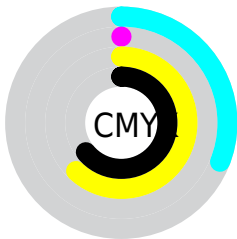
Blue (14%)



Red (14%)

Yellow (36%)

Blue (25%)

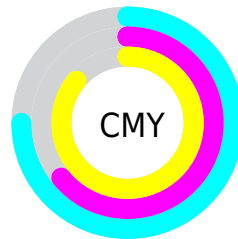


Cyan (31%)

Magenta (0%)

Yellow (62%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 405D23 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 405D23 by changing the saturation by 10% instead.



405D23



405D23

FFFFFF



28450C



729052



132F00



8CAA6B



001C00



A7C584



000000



C2E19F



DFEBA



FBFFD6



FFFFFF2



405D23



405D23

■ 3B5D1A

■ 455D2C

■ 375D10

■ 495D36

■ 325D07

■ 4E5D3F

■ 2F5D00

■ 535D48

■ 575D52

■ 5C5D5B

■ 615D64

■ 655D6D

■ 6A5D77

Harmonies

Analogous

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



5F5516



405D23



0C613C

Triad

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



405D23



005E8A



8A3A50

Complementary

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



405D23



40235D

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.



7D3F6D



405D23



26568F

Square

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



405D23



006277



5F4A84



874034

Rectangle

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



405D23



006350



5F4A84



883B5A

Sweetspot

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



405D23



6C7861



5D4023



363D2F



BDBDBD



3D3D3D

Same Dimension

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



405D23



4B781E



235D23



2C2E29



376E00



77ED00

Inverse Universe

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



40235D



4B1E78



5D235D



2C292E



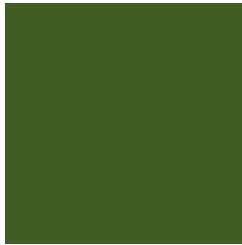
37006E



7700ED

Previews

White Background



This preview shows how the Hex color 405D23 looks on a white background.

Color Contrast Check

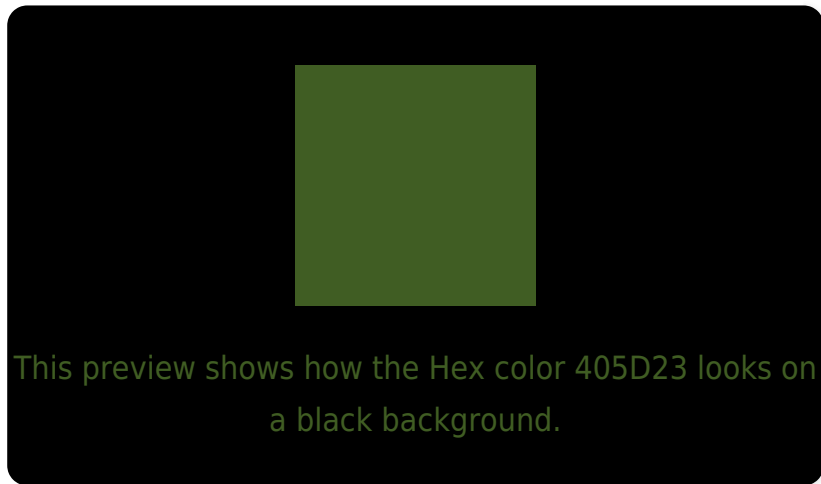
Large Text (above 18pt) WCAG AA ✓ Pass

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

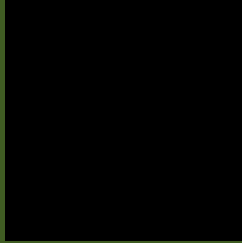
Any Text WCAG AA × Fail

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 405D23 Background



This preview shows how black text looks on a background with the Hex color 405D23.



This preview shows how white text looks on a background with the Hex color 405D23.

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
405D23

Protanopia
5E5521

Deuteranopia
695127



Tritanopia
48575E

Trichromacy



Original Color
405D23

Protanomaly
535822

Deuteranomaly
5A5526

Tritanomaly
455949

Monochromacy



Original Color
405D23

Achromatopsia
4E4E4E

Achromatomaly
49533E

CSS Examples

Text

The CSS property to change the color of the text to Hex 405D23 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 #405D23 looks like.

```
.text, #text, p{  
    color:#405D23  
}
```

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 #405D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #405D23
}
```

Border

The CSS property to change the border of an element to Hex 405D23 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
#405D23 }
```

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

```
.border{ border-color:#405D23 }
```

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

Here you see how a box with a 4 pixel #405D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #405D23; -webkit-box-shadow:4px 4px  
4px 4px #405D23; box-shadow:4px 4px 4px  
4px #405D23 }
```

Background

The CSS property to change the background color of an element to Hex 405D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#405D23 }
```

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

```
.background{ background-color:#405D23 }
```

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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