

Converting Colors

Hex(406A24)

Have a look what the booklet for
Hex(406A24) contains.

Hex(406A24)	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(406A24)

Conversions

Conversions Part 1

Format	Color
Hex	406A24
RGB	64, 106, 36
RGB Percent	25%, 42%, 14%
CMY	0.7490, 0.5843, 0.8588
CMYK	0.40, 0.00, 0.66, 0.58
HSL	96°, 49%, 28%
HSV	96°, 66%, 42%
XYZ	7.5868, 11.5254, 3.4938
YIQ	85.4620, -2.5620, -30.6740

Conversions

Conversions Part 2

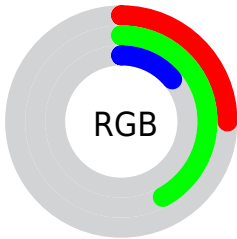
Format	Color
R_{YB}	36, 106, 78
Decimal	4221476
CIE Lab	40.45, -28.04, 33.78
CIE LCh	40, 43.900, 129.701
Yxy	11.5254, 0.3356, 0.5098
Android (android.graphics.Color)	4282411556 (0xFF406A24)
YUV	85.4620, -24.3848, -18.8222
Hunter-Lab	33.9491, -19.5205, 17.6626

Details

The Hex color **406A24** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E246A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **739E54**, and **0F3A00** is the 20% darker color. If you saturate the color by 10%, you get **3A6A19**, and if you desaturate by 10%, it is **466A2F**.

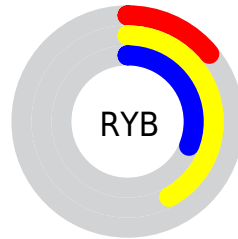
Distribution



Red (25%)

Green (42%)

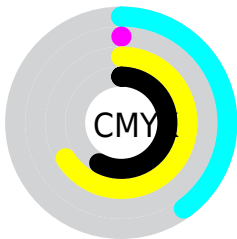
Blue (14%)



Red (14%)

Yellow (42%)

Blue (31%)

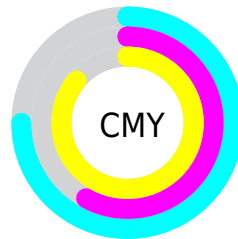


Cyan (40%)

Magenta (0%)

Yellow (66%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406A24 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 406A24 by changing the saturation by 10% instead.



406A24



406A24

FFFFFF



27520B



739E54



0F3A00



8DB96D



002500



A9D587



000300



C4F1A2



000000



E1FFBD



FEFFD9



FFFFFF6



406A24



406A24

■ 3A6A19

■ 466A2F

■ 336A0F

■ 4D6A39

■ 2D6A04

■ 536A44

■ 2A6A00

■ 596A4E

■ 606A59

■ 666A64

■ 6D6A6E

■ 736A79

■ 796A83

Harmonies

Analogous

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



67610F



406A24



006F45

Triad

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



406A24



006AA2



A03D55

Complementary

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



406A24



4E246A

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.



934279



406A24



2960A6

Square

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



406A24



006F8C



705197



9A4633

Rectangle

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



406A24



00705E



705197



9E3D61

Sweetspot

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



406A24



798A6E



6A4E24



3B4534



C4C4C4



454545

Same Dimension

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



406A24



488A1D



246A2B



323630



2F7500



62F500

Inverse Universe

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



4E246A



5E1D8A



6A2463



333036



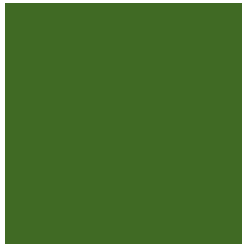
460075



9300F5

Previews

White Background



This preview shows how the Hex color 406A24 looks on a white background.

Color Contrast Check

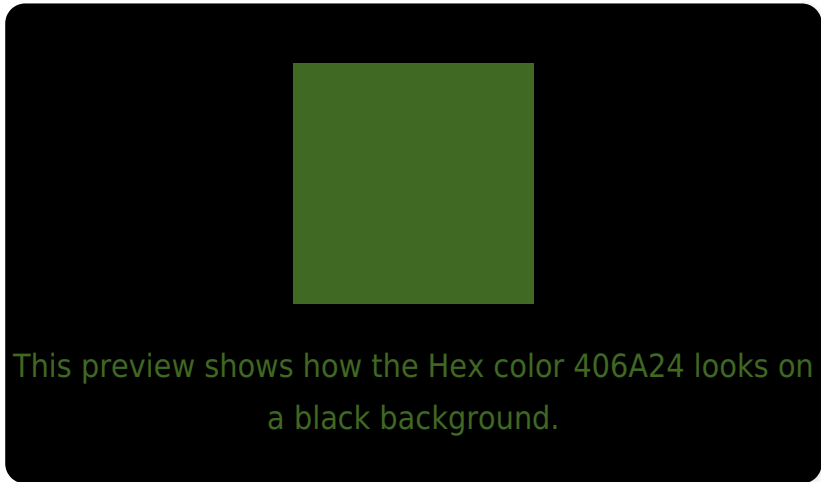
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 406A24 Background



This preview shows how black text looks on a background with the Hex color 406A24.



This preview shows how white text looks on a background with the Hex color 406A24.

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
406A24

Protanopia
6A5F21

Deuteranopia
765A29



Tritanopia
4B636B

Trichromacy



Original Color
406A24

Protanomaly
5B6322

Deuteranomaly
626027

Tritanomaly
476651

Monochromacy



Original Color
406A24

Achromatopsia
555555

Achromatomaly
4D5D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 406A24 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 #406A24 looks like.

```
.text, #text, p{  
    color:#406A24  
}
```

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 #406A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406A24
}
```

Border

The CSS property to change the border of an element to Hex 406A24 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
#406A24 }
```

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

```
.border{ border-color:#406A24 }
```

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

Here you see how a box with a 4 pixel #406A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406A24; -webkit-box-shadow:4px 4px  
4px 4px #406A24; box-shadow:4px 4px 4px  
4px #406A24 }
```

Background

The CSS property to change the background color of an element to Hex 406A24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406A24 }
```

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

```
.background{ background-color:#406A24 }
```

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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