

Converting Colors

Hex(404C04)

Have a look what the booklet for
Hex(404C04) contains.

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Color

Hex(404C04)

Conversions

Conversions Part 1

Format	Color
Hex	404C04
RGB	64, 76, 4
RGB Percent	25%, 30%, 2%
CMY	0.7490, 0.7020, 0.9843
CMYK	0.16, 0.00, 0.95, 0.70
HSL	70°, 90%, 16%
HSV	70°, 95%, 30%
XYZ	4.7207, 6.2676, 1.0758
YIQ	64.2040, 15.9600, -24.9360

Conversions

Conversions Part 2

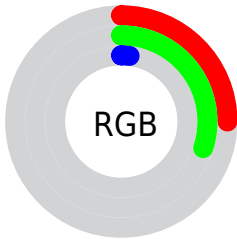
Format	Color
R_{YB}	4, 76, 16
Decimal	4213764
CIE Lab	30.08, -14.82, 36.53
CIE LCh	30, 39.420, 112.083
Yxy	6.2676, 0.3913, 0.5195
Android (android.graphics.Color)	4282403844 (0xFF404C04)
YUV	64.2040, -29.6806, -0.1789
Hunter-Lab	25.0352, -10.1533, 14.9768

Details

The Hex color **404C04** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10044C**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **727D36**, and **102000** is the 20% darker color. If you saturate the color by 10%, you get **3F4C00**, and if you desaturate by 10%, it is **414C0C**.

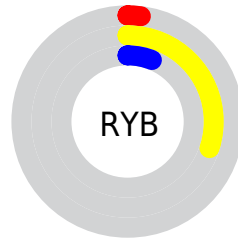
Distribution



Red (25%)

Green (30%)

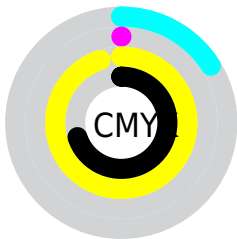
Blue (2%)



Red (2%)

Yellow (30%)

Blue (6%)

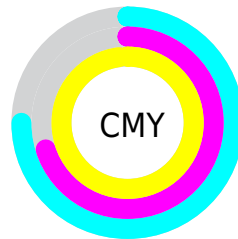


Cyan (16%)

Magenta (0%)

Yellow (95%)

Black (70%)



Cyan (75%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 404C04 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 404C04 by changing the saturation by 10% instead.

 404C04

 404C04

 FFFFF0

 293500

 727D36

 102000

 8D974F

 000100

 A8B168

 000000

 C4CD81

 E0E99C

 FDFFB7

 FFFFD3

 404C04

 404C04

■ 3F4C00

■ 414C0C

■ 434C13

■ 444C1B

■ 454C22

■ 464C2A

■ 484C32

■ 494C39

■ 4A4C41

■ 4B4C48

Harmonies

Analogous

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



5D4301



404C04



16521F

Triad

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



404C04



005377



7A2950

Complementary

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



404C04



10044C

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.



64346D



404C04



004D84

Square

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



404C04



00555D



364280



7D2A32

Rectangle

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



404C04



005433



364280



742C5A

Sweetspot

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



404C04



5F6348



4C1004



303322



B3B3B3



333333

Same Dimension

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



404C04



536300



1D4C04



262622



556600



BFE600

Inverse Universe

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



10044C



110063



34044C



232226



110066



2600E6

Previews

White Background



This preview shows how the Hex color 404C04 looks on a white background.

Color Contrast Check

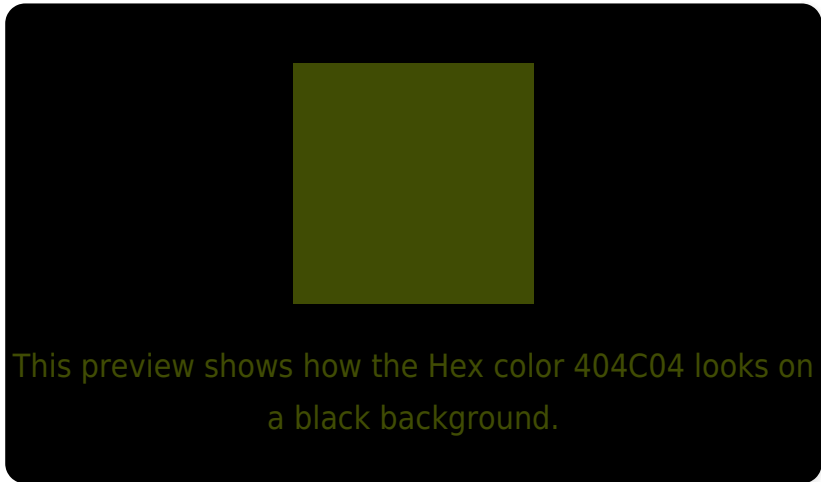
Large Text (above 18pt) WCAG AA ✓ Pass

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

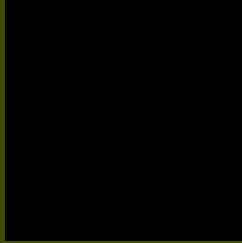
Any Text WCAG AA × Fail

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 404C04 Background



This preview shows how black text looks on a background with the Hex color 404C04.



This preview shows how white text looks on a background with the Hex color 404C04.

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](#).

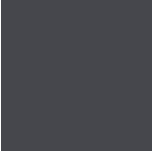
Dichromacy



Original Color
404C04

Protanopia
504700

Deuteranopia
59430E



Tritanopia
46474C

Trichromacy



Original Color
404C04

Protanomaly
4A4901

Deuteranomaly
50460A

Tritanomaly
444932

Monochromacy



Original Color
404C04

Achromatopsia
404040

Achromatomaly
40442A

CSS Examples

Text

The CSS property to change the color of the text to Hex 404C04 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 #404C04 looks like.

```
.text, #text, p{  
    color:#404C04  
}
```

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 #404C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #404C04
}
```

Border

The CSS property to change the border of an element to Hex 404C04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

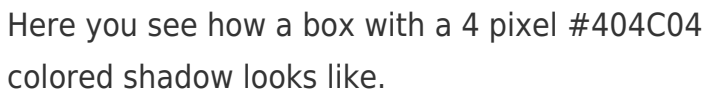
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#404C04 }
```

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

```
.border{ border-color:#404C04 }
```

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



Here you see how a box with a 4 pixel #404C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #404C04; -webkit-box-shadow:4px 4px  
4px 4px #404C04; box-shadow:4px 4px 4px  
4px #404C04 }
```

Background

The CSS property to change the background color of an element to Hex 404C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#404C04 }
```

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

```
.background{ background-color:#404C04 }
```

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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