

Converting Colors

Hex(407301)

Have a look what the booklet for
Hex(407301) contains.

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Color

Hex(407301)

Conversions

Conversions Part 1

Format	Color
Hex	407301
RGB	64, 115, 1
RGB Percent	25%, 45%, 0%
CMY	0.7490, 0.5490, 0.9961
CMYK	0.44, 0.00, 0.99, 0.55
HSL	87°, 98%, 23%
HSV	87°, 99%, 45%
XYZ	8.2506, 13.3536, 2.1714
YIQ	86.7550, 6.1980, -46.2660

Conversions

Conversions Part 2

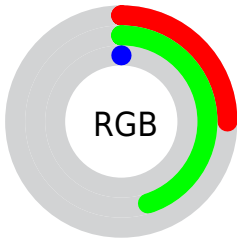
Format	Color
R_{YB}	1, 115, 52
Decimal	4223745
CIE _{Lab}	43.29, -34.18, 47.99
CIE _{LCh}	43, 58.918, 125.459
Yxy	13.3536, 0.3470, 0.5617
Android (android.graphics.Color)	4282413825 (0xFF407301)
YUV	86.7550, -42.2772, -19.9561
Hunter-Lab	36.5426, -23.6481, 22.0568

Details

The Hex color **407301** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **340173**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **75A73E**, and **044200** is the 20% darker color. If you saturate the color by 10%, you get **407300**, and if you desaturate by 10%, it is **45730C**.

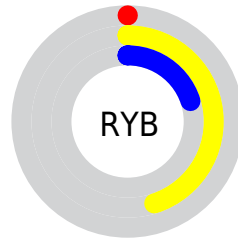
Distribution



Red (25%)

Green (45%)

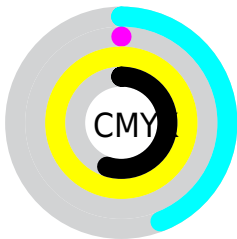
Blue (0%)



Red (0%)

Yellow (45%)

Blue (20%)

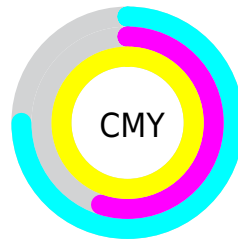


Cyan (44%)

Magenta (0%)

Yellow (99%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407301 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 407301 by changing the saturation by 10% instead.

 407301

 407301

FFFFFFD

 255A00

 75A73E

 044200

 90C357

 002C00

 ACDF72

 001400

 C9FC8C

 000000

 E5FFA8

 FFFFC3

 FFFFEO

 407301

 407301

■ 407300

■ 45730C

■ 4A7318

■ 4F7323

■ 55732F

■ 5A733B

■ 5F7346

■ 647352

■ 69735D

■ 6E7369

Harmonies

Analogous

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



746700



407301



00793B

Triad

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



407301



0076BF



BB2E5F

Complementary

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



407301



340173

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.



A73B90



407301



006AC8

Square

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



407301



007B9E



7155B7



B53D30

Rectangle

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



407301



007B5D



7155B7



B82F70

Sweetspot

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



407301



829669



733201



404D31



CCCCCC



4D4D4D

Same Dimension

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



407301



539600



097301



383B35



447A00



8AFA00

Inverse Universe

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



340173



430096



6B0173



37353B



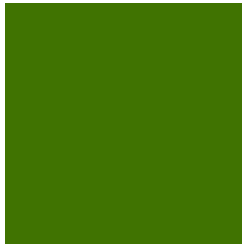
37007A



7000FA

Previews

White Background



This preview shows how the Hex color 407301 looks on a white background.

Color Contrast Check

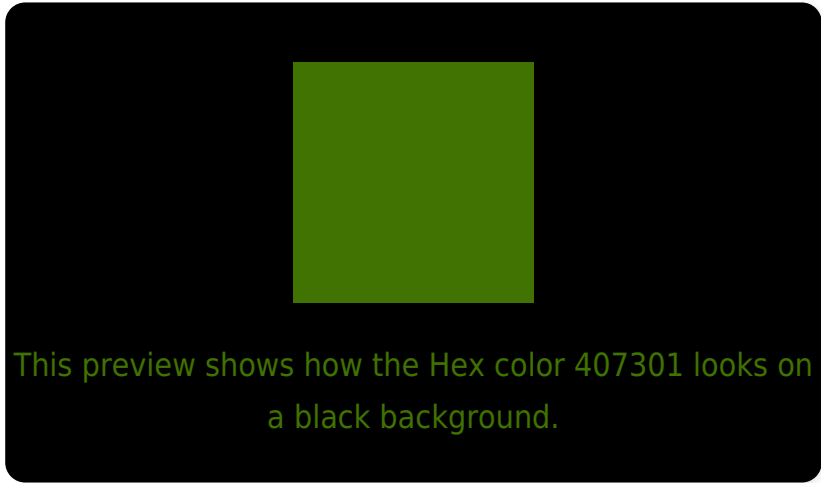
Large Text (above 18pt) WCAG AA ✓ Pass

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 407301 Background



This preview shows how black text looks on a background with the Hex color 407301.



This preview shows how white text looks on a background with the Hex color 407301.

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
407301

Protanopia
736600

Deuteranopia
806117



Tritanopia
4E6B73

Trichromacy



Original Color
407301

Protanomaly
606B00

Deuteranomaly
69680F

Tritanomaly
496E4A

Monochromacy



Original Color
407301

Achromatopsia
575757

Achromatomaly
4F6138

CSS Examples

Text

The CSS property to change the color of the text to Hex 407301 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 #407301 looks like.

```
.text, #text, p{  
    color:#407301  
}
```

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 #407301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407301
}
```

Border

The CSS property to change the border of an element to Hex 407301 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
#407301 }
```

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

```
.border{ border-color:#407301 }
```

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

Here you see how a box with a 4 pixel #407301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407301; -webkit-box-shadow:4px 4px  
4px 4px #407301; box-shadow:4px 4px 4px  
4px #407301 }
```

Background

The CSS property to change the background color of an element to Hex 407301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407301 }
```

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

```
.background{ background-color:#407301 }
```

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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