

Converting Colors

Hex(407B17)

Have a look what the booklet for
Hex(407B17) contains.

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Color

Hex(407B17)

Conversions

Conversions Part 1

Format	Color
Hex	407B17
RGB	64, 123, 23
RGB Percent	25%, 48%, 9%
CMY	0.7490, 0.5176, 0.9098
CMYK	0.48, 0.00, 0.81, 0.52
HSL	95°, 68%, 29%
HSV	95°, 81%, 48%
XYZ	9.3520, 15.3178, 3.2743
YIQ	93.9590, -3.0640, -43.6080

Conversions

Conversions Part 2

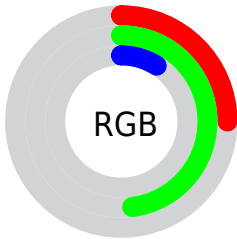
Format	Color
R_{YB}	23, 123, 82
Decimal	4225815
CIE _{Lab}	46.07, -36.70, 44.82
CIE _{LCh}	46, 57.925, 129.312
Yxy	15.3178, 0.3347, 0.5482
Android (android.graphics.Color)	4282415895 (0xFF407B17)
YUV	93.9590, -34.9828, -26.2740
Hunter-Lab	39.1379, -25.8390, 22.4363

Details

The Hex color **407B17** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **52177B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **76B04B**, and **044900** is the 20% darker color. If you saturate the color by 10%, you get **397B0B**, and if you desaturate by 10%, it is **477B23**.

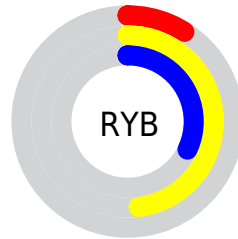
Distribution



Red (25%)

Green (48%)

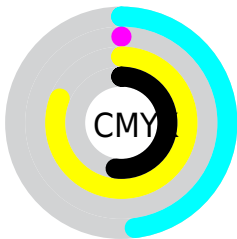
Blue (9%)



Red (9%)

Yellow (48%)

Blue (32%)

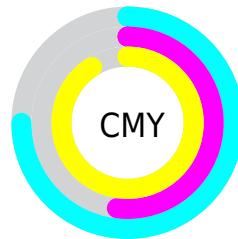


Cyan (48%)

Magenta (0%)

Yellow (81%)

Black (52%)



Cyan (75%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407B17 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 407B17 by changing the saturation by 10% instead.



407B17



407B17

FFFFFF



246200



76B04B



044900



91CC65



003200



ADE87F



001D00



C9FF9A



000000



E6FFB6



FFFFD2



FFFFEF



407B17



407B17

■ 397B0B

■ 477B23

■ 327B00

■ 4F7B30

■ 567B3C

■ 5D7B48

■ 647B55

■ 6C7B61

■ 737B6D

■ 7A7B79

■ 817B86

Harmonies

Analogous

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



767000



407B17



008149

Triad

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



407B17



007CC8



C33960

Complementary

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



407B17



52177B

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.



B24290



407B17



006ECE

Square

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



407B17



0082AA



8159B9



BA4832

Rectangle

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



407B17



00836A



8159B9



C03970

Sweetspot

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



407B17



8AA17A



7B5117



44523A



D1D1D1



525252

Same Dimension

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



407B17



44A103



177B1F



3A3D37



337D00



68FC00

Inverse Universe

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



52177B



6003A1



7B1773



3B373D



4A007D



9500FC

Previews

White Background



This preview shows how the Hex color 407B17 looks on a white background.

Color Contrast Check

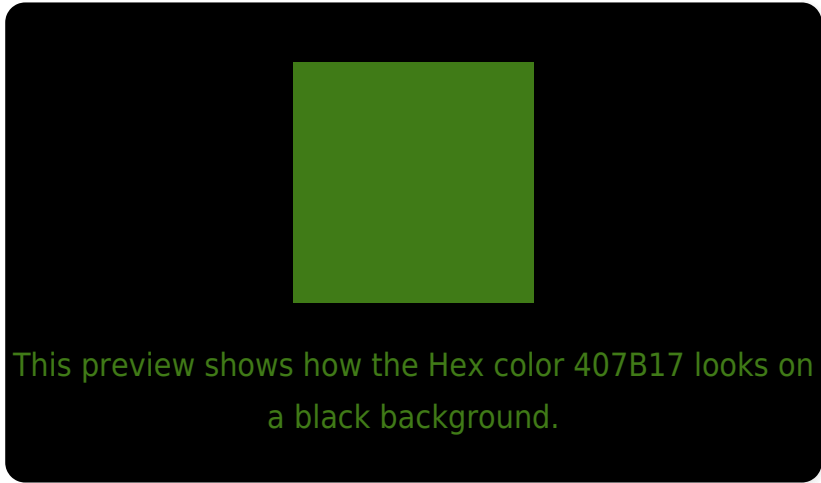
Large Text (above 18pt) WCAG AA ✓ Pass

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 407B17 Background



This preview shows how black text looks on a background with the Hex color 407B17.



This preview shows how white text looks on a background with the Hex color 407B17.

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
407B17

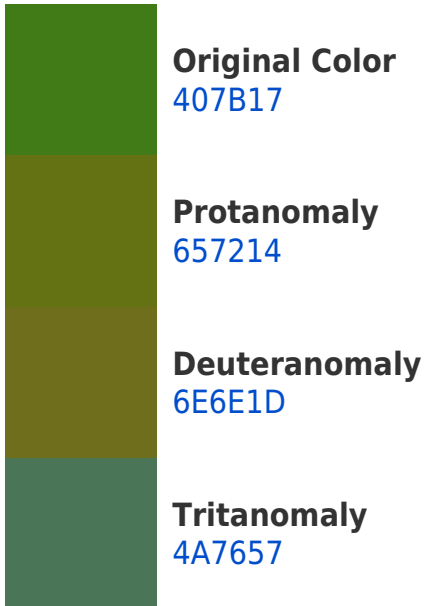
Protanopia
7A6D13

Deuteranopia
886721



Tritanopia
50737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407B17 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 #407B17 looks like.

```
.text, #text, p{  
    color:#407B17  
}
```

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 #407B17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407B17
}
```

Border

The CSS property to change the border of an element to Hex 407B17 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
#407B17 }
```

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

```
.border{ border-color:#407B17 }
```

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

Here you see how a box with a 4 pixel #407B17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407B17; -webkit-box-shadow:4px 4px  
4px 4px #407B17; box-shadow:4px 4px 4px  
4px #407B17 }
```

Background

The CSS property to change the background color of an element to Hex 407B17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407B17 }
```

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

```
.background{ background-color:#407B17 }
```

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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