

Converting Colors

Hex(3A4A07)

Have a look what the booklet for
Hex(3A4A07) contains.

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Color

Hex(3A4A07)

Conversions

Conversions Part 1

Format	Color
Hex	3A4A07
RGB	58, 74, 7
RGB Percent	23%, 29%, 3%
CMY	0.7725, 0.7098, 0.9725
CMYK	0.22, 0.00, 0.91, 0.71
HSL	74°, 83%, 16%
HSV	74°, 91%, 29%
XYZ	4.2321, 5.8124, 1.0999
YIQ	61.5780, 11.9710, -24.2290

Conversions

Conversions Part 2

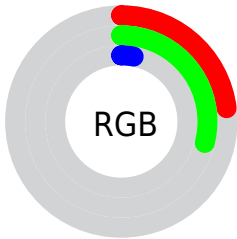
Format	Color
RYB	7, 74, 23
Decimal	3820039
CIELab	28.93, -16.46, 34.24
CIElCh	29, 37.992, 115.681
Yxy	5.8124, 0.3797, 0.5216
Android (android.graphics.Color)	4282010119 (0xFF3A4A07)
YUV	61.5780, -26.9070, -3.1379
Hunter-Lab	24.1090, -10.8572, 14.1714

Details

The Hex color **3A4A07** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **17074A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6C7B38**, and **071F00** is the 20% darker color. If you saturate the color by 10%, you get **384A00**, and if you desaturate by 10%, it is **3C4A0E**.

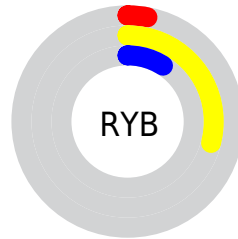
Distribution



Red (23%)

Green (29%)

Blue (3%)



Red (3%)

Yellow (29%)

Blue (9%)

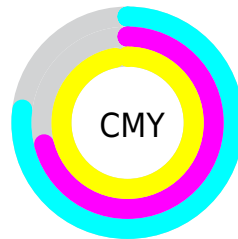


Cyan (22%)

Magenta (0%)

Yellow (91%)

Black (71%)



Cyan (77%)

Magenta (71%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A4A07 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 3A4A07 by changing the saturation by 10% instead.

 3A4A07

 3A4A07

 FFFFF1

 243300

 6C7B38

 071F00

 869450

 000000

 A0AF69

 BCCB83

 D8E79D

 F5FFB8

 FFFFD4

 3A4A07

 3A4A07

■ 384A00

■ 3C4A0E

■ 3E4A16

■ 3F4A1D

■ 414A25

■ 434A2C

■ 454A33

■ 464A3B

■ 484A42

■ 4A4A4A

Harmonies

Analogous

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



564101



3A4A07



0D4F21

Triad

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



3A4A07



004F74



76274A

Complementary

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



3A4A07



17074A

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.



633166



3A4A07



00497F

Square

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



3A4A07



00525D



3C3E79



782A2D

Rectangle

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



3A4A07



005135



3C3E79



722954

Sweetspot

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



3A4A07



5B6147



4A1707



2D3021



B0B0B0



303030

Same Dimension

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



3A4A07



4A6100



194A07



252622



4E6600



AFE600

Inverse Universe

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



17074A



170061



38074A



232226



180066



3700E6

Previews

White Background



This preview shows how the Hex color 3A4A07 looks on a white background.

Color Contrast Check

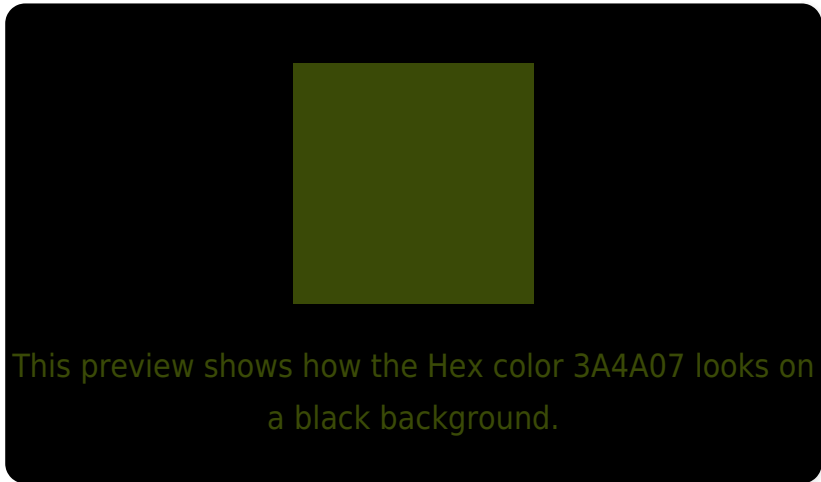
Large Text (above 18pt) WCAG AA ✓ Pass

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

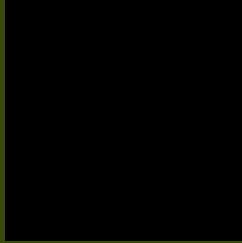
Any Text WCAG AA × Fail

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 3A4A07 Background



This preview shows how black text looks on a background with the Hex color 3A4A07.



This preview shows how white text looks on a background with the Hex color 3A4A07.

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](#).

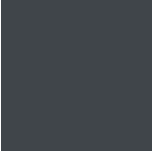
Dichromacy



Original Color
3A4A07

Protanopia
4D4404

Deuteranopia
56410F



Tritanopia
40454A

Trichromacy



Original Color

3A4A07

Protanomaly

464605

Deuteranomaly

4C440C

Tritanomaly

3E4732

Monochromacy



Original Color

3A4A07

Achromatopsia

3E3E3E

Achromatomaly

3D422A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A4A07 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 #3A4A07 looks like.

```
.text, #text, p{  
    color:#3A4A07  
}
```

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 #3A4A07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A4A07
}
```

Border

The CSS property to change the border of an element to Hex 3A4A07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

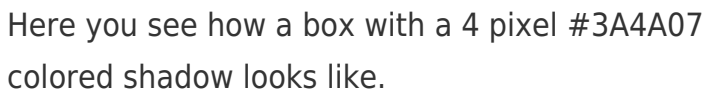
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A4A07 }
```

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

```
.border{ border-color:#3A4A07 }
```

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



Here you see how a box with a 4 pixel `#3A4A07` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A4A07; -webkit-box-shadow:4px 4px  
4px 4px #3A4A07; box-shadow:4px 4px 4px  
4px #3A4A07 }
```

Background

The CSS property to change the background color of an element to Hex 3A4A07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A4A07 }
```

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

```
.background{ background-color:#3A4A07 }
```

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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