

Converting Colors

Hex(3D4C11)

Have a look what the booklet for
Hex(3D4C11) contains.

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Color

Hex(3D4C11)

Conversions

Conversions Part 1

Format	Color
Hex	3D4C11
RGB	61, 76, 17
RGB Percent	24%, 30%, 7%
CMY	0.7608, 0.7020, 0.9333
CMYK	0.20, 0.00, 0.78, 0.70
HSL	75°, 63%, 18%
HSV	75°, 78%, 30%
XYZ	4.6101, 6.2015, 1.4843
YIQ	64.7890, 9.9990, -21.5290

Conversions

Conversions Part 2

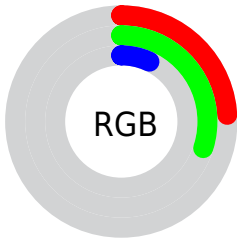
Format	Color
RYB	17, 76, 32
Decimal	4017169
CIELab	29.92, -15.57, 31.39
CIElCh	30, 35.034, 116.377
Yxy	6.2015, 0.3749, 0.5044
Android (android.graphics.Color)	4282207249 (0xFF3D4C11)
YUV	64.7890, -23.5600, -3.3230
Hunter-Lab	24.9027, -10.5351, 13.8979

Details

The Hex color **3D4C11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20114C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6E7D40**, and **0E2000** is the 20% darker color. If you saturate the color by 10%, you get **3B4C09**, and if you desaturate by 10%, it is **3F4C19**.

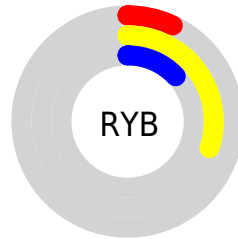
Distribution



Red (24%)

Green (30%)

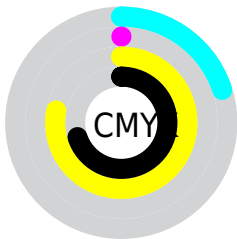
Blue (7%)



Red (7%)

Yellow (30%)

Blue (13%)

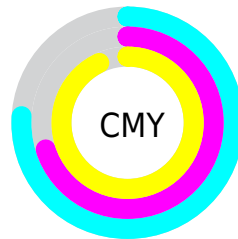


Cyan (20%)

Magenta (0%)

Yellow (78%)

Black (70%)



Cyan (76%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4C11 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 3D4C11 by changing the saturation by 10% instead.

 3D4C11

 3D4C11

 FFFFFA

 273500

 6E7D40

 0E2000

 899758

 000000

 A3B171

 BFCD8B

 DBE9A5

 F8FFC1

 FFFFDD

 3D4C11

 3D4C11

■ 3B4C09

■ 3F4C19

■ 394C02

■ 414C20

■ 394C00

■ 434C28

■ 454C2F

■ 474C37

■ 494C3F

■ 4B4C46

■ 4C4C4E

■ 4E4C55

Harmonies

Analogous

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



57440A



3D4C11



175127

Triad

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



3D4C11



005173



752D4B

Complementary

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



3D4C11



20114C

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.



643565



3D4C11



004B7D

Square

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



3D4C11



00535E



414177



772F30

Rectangle

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



3D4C11



005339



414177



722F54

Sweetspot

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



3D4C11



5E634D



4C2011



2F3325



B3B3B3



333333

Same Dimension

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



3D4C11



4C6307



204C11



252622



4C6600



ABE600

Inverse Universe

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



20114C



1E0763



3D114C



232226



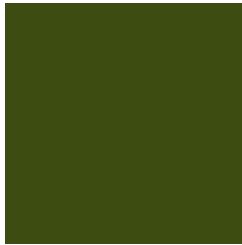
1A0066



3A00E6

Previews

White Background



This preview shows how the Hex color 3D4C11 looks on a white background.

Color Contrast Check

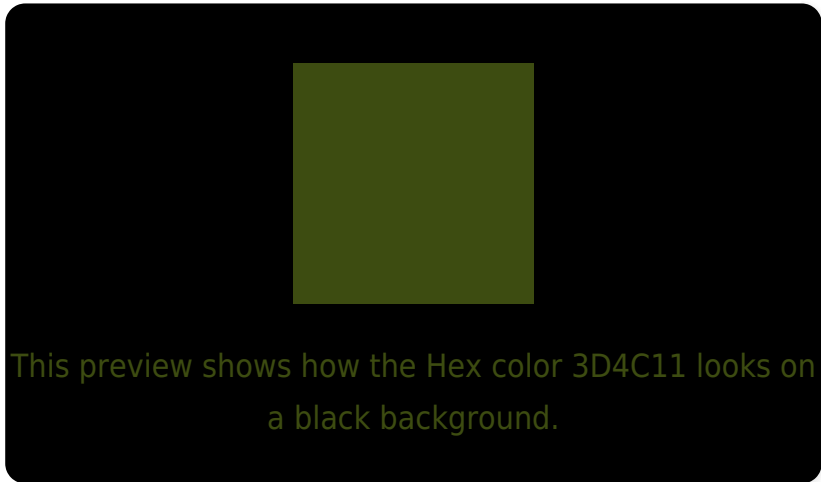
Large Text (above 18pt) WCAG AA ✓ Pass

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

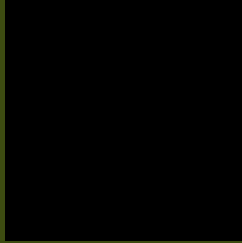
Any Text WCAG AA × Fail

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 3D4C11 Background



This preview shows how black text looks on a background with the Hex color 3D4C11.



This preview shows how white text looks on a background with the Hex color 3D4C11.

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
3D4C11

Protanopia
4F4710

Deuteranopia
584315



Tritanopia
43474C

Trichromacy



Original Color
3D4C11

Protanomaly
484910

Deuteranomaly
4E4614

Tritanomaly
414937

Monochromacy



Original Color
3D4C11

Achromatopsia
414141

Achromatomaly
404530

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4C11 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 #3D4C11 looks like.

```
.text, #text, p{  
    color:#3D4C11  
}
```

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 #3D4C11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4C11  
}
```

Border

The CSS property to change the border of an element to Hex 3D4C11 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  
#3D4C11 }
```

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

```
.border{ border-color:#3D4C11 }
```

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

Here you see how a box with a 4 pixel #3D4C11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4C11; -webkit-box-shadow:4px 4px  
4px 4px #3D4C11; box-shadow:4px 4px 4px  
4px #3D4C11 }
```

Background

The CSS property to change the background color of an element to Hex 3D4C11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4C11 }
```

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

```
.background{ background-color:#3D4C11 }
```

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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