

Converting Colors

Hex(3D3B11)

Have a look what the booklet for
Hex(3D3B11) contains.

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Color

Hex(3D3B11)

Conversions

Conversions Part 1

Format	Color
Hex	3D3B11
RGB	61, 59, 17
RGB Percent	24%, 23%, 7%
CMY	0.7608, 0.7686, 0.9333
CMYK	0.00, 0.03, 0.72, 0.76
HSL	57°, 56%, 15%
HSV	57°, 72%, 24%
XYZ	3.5896, 4.1605, 1.1442
YIQ	54.8100, 14.6740, -12.6380

Conversions

Conversions Part 2

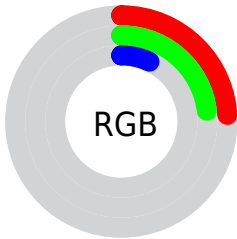
Format	Color
R_{YB}	19, 61, 17
Decimal	4012817
CIE Lab	24.20, -5.50, 25.50
CIE LCh	24, 26.082, 102.175
Yxy	4.1605, 0.4036, 0.4678
Android (android.graphics.Color)	4282202897 (0xFF3D3B11)
YUV	54.8100, -18.6403, 5.4286
Hunter-Lab	20.3973, -4.2820, 10.9523

Details

The Hex color **3D3B11** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11133D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6E6A3E**, and **091100** is the 20% darker color. If you saturate the color by 10%, you get **3D3B0B**, and if you desaturate by 10%, it is **3D3B17**.

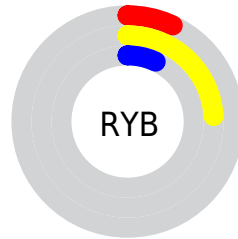
Distribution



Red (24%)

Green (23%)

Blue (7%)



Red (7%)

Yellow (24%)

Blue (7%)

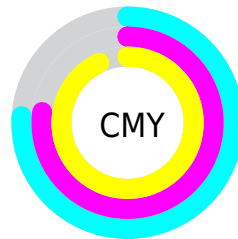


Cyan (0%)

Magenta (3%)

Yellow (72%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D3B11 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 3D3B11 by changing the saturation by 10% instead.

 3D3B11

 3D3B11

 FFFFF6

 272500

 6E6A3E

 091100

 888355

 000000

 A39D6E

 BEB887

 DAD4A2

 F7F0BD

 FFFFD9

 3D3B11

 3D3B11

■ 3D3B0B

■ 3D3B17

■ 3D3A05

■ 3D3C1D

■ 3D3A00

■ 3D3C23

■ 3D3C29

■ 3D3C30

■ 3D3D36

■ 3D3D3C

■ 3D3D42

■ 3D3D48

Harmonies

Analogous

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



4E3413



3D3B11



27401B

Triad

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



3D3B11



004253



572A46

Complementary

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



3D3B11



11133D

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.



453157



3D3B11



003F5F

Square

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



3D3B11



004341



263960



5E2832

Rectangle

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



3D3B11



144226



263960



532C4C

Sweetspot

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



3D3B11



4F4E3E



3D1113



29281E



A8A8A8



292929

Same Dimension

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



3D3B11



4F4C0A



293D11



1F1E1C



5E5A00



DED400

Inverse Universe

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



11133D



0A0D4F



25113D



1C1C1F



00045E



000ADE

Previews

White Background



This preview shows how the Hex color 3D3B11 looks on a white background.

Color Contrast Check

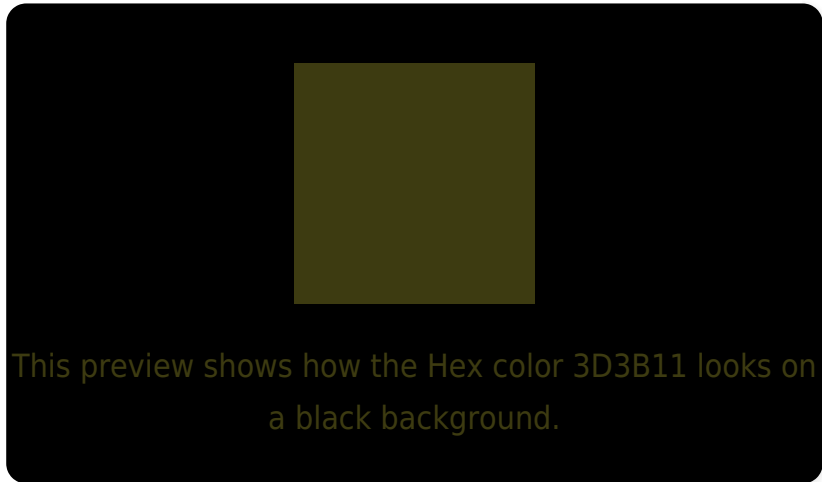
Large Text (above 18pt) WCAG AA ✓ Pass

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

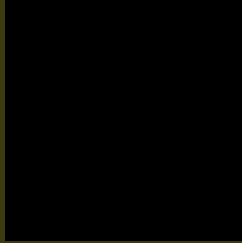
Any Text WCAG AA × Fail

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 3D3B11 Background



This preview shows how black text looks on a background with the Hex color 3D3B11.

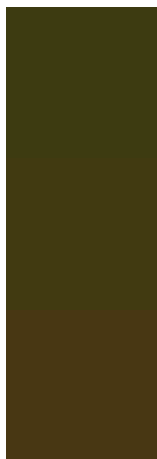


This preview shows how white text looks on a background with the Hex color 3D3B11.

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

3D3B11

Protanopia

413A11

Deuteranopia

483713



Tritanopia
41373B

Trichromacy



Original Color
3D3B11

Protanomaly
403A11

Deuteranomaly
443812

Tritanomaly
40382C

Monochromacy



Original Color
3D3B11

Achromatopsia
373737

Achromatomaly
393829

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D3B11 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 #3D3B11 looks like.

```
.text, #text, p{  
    color:#3D3B11  
}
```

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 #3D3B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3B11
}
```

Border

The CSS property to change the border of an element to Hex 3D3B11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

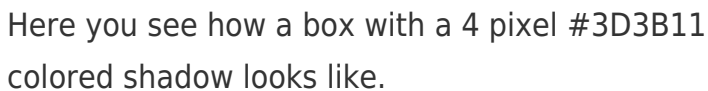
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3B11 }
```

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

```
.border{ border-color:#3D3B11 }
```

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



Here you see how a box with a 4 pixel #3D3B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3B11; -webkit-box-shadow:4px 4px  
4px 4px #3D3B11; box-shadow:4px 4px 4px  
4px #3D3B11 }
```

Background

The CSS property to change the background color of an element to Hex 3D3B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3B11 }
```

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

```
.background{ background-color:#3D3B11 }
```

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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