

Converting Colors

Hex(3D8346)

Have a look what the booklet for
Hex(3D8346) contains.

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Color

Hex(3D8346)

Conversions

Conversions Part 1

Format	Color
Hex	3D8346
RGB	61, 131, 70
RGB Percent	24%, 51%, 27%
CMY	0.7608, 0.4863, 0.7255
CMYK	0.53, 0.00, 0.47, 0.49
HSL	128°, 36%, 38%
HSV	128°, 53%, 51%
XYZ	11.1463, 17.6669, 8.6169
YIQ	103.1160, -22.1390, -33.8110

Conversions

Conversions Part 2

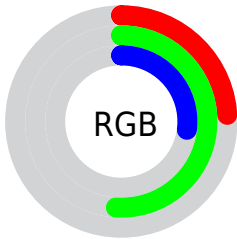
Format	Color
RYB	61, 123, 131
Decimal	4031302
CIELab	49.09, -35.82, 26.36
CIELCh	49, 44.472, 143.655
Yxy	17.6669, 0.2978, 0.4720
Android (android.graphics.Color)	4282221382 (0xFF3D8346)
YUV	103.1160, -16.3262, -36.9357
Hunter-Lab	42.0320, -26.2205, 17.2674

Details

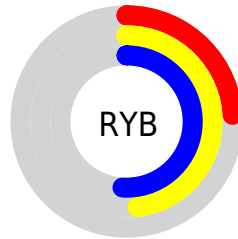
The Hex color **3D8346** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **833D7A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **72B977**, and **005118** is the 20% darker color. If you saturate the color by 10%, you get **30833B**, and if you desaturate by 10%, it is **4A8351**.

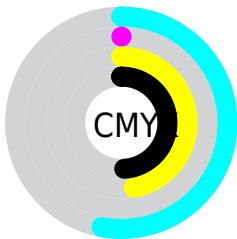
Distribution



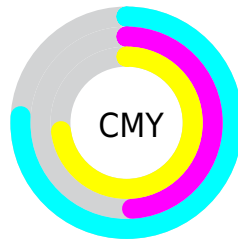
- Red (24%)
- Green (51%)
- Blue (27%)



- Red (24%)
- Yellow (48%)
- Blue (51%)



- Cyan (53%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8346 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 3D8346 by changing the saturation by 10% instead.



3D8346



3D8346

FFFFFF



21692F



72B977



005118



8DD591



003900



A8F1AC



002500



C5FFC8



000000



E1FFE4

FEFFFF



3D8346



3D8346



30833B



4A8351

■ 23832F

■ 57835D

■ 168324

■ 648368

■ 098318

■ 718374

■ 008311

■ 7F837F

■ 8C838A

■ 998396

■ A683A1

■ B383AD

Harmonies

Analogous

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



6C7C2B



3D8346



00876B

Triad

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



3D8346



007BBF



BA5559

Complementary

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



3D8346



833D7A

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.



B5547E



3D8346



696EBA

Square

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



3D8346



0083B1



9B5EA2



AC6239

Rectangle

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



3D8346



008785



9B5EA2



BA5365

Sweetspot

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



3D8346



90AB93



7B833D



465748



D6D6D6



575757

Same Dimension

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



3D8346



3EAB4C



3D8368



3C423D



008211



000300

Inverse Universe

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



833D7A



AB3E9D



833D58



423C41



820071



030002

Previews

White Background



This preview shows how the Hex color 3D8346 looks on a white background.

Color Contrast Check

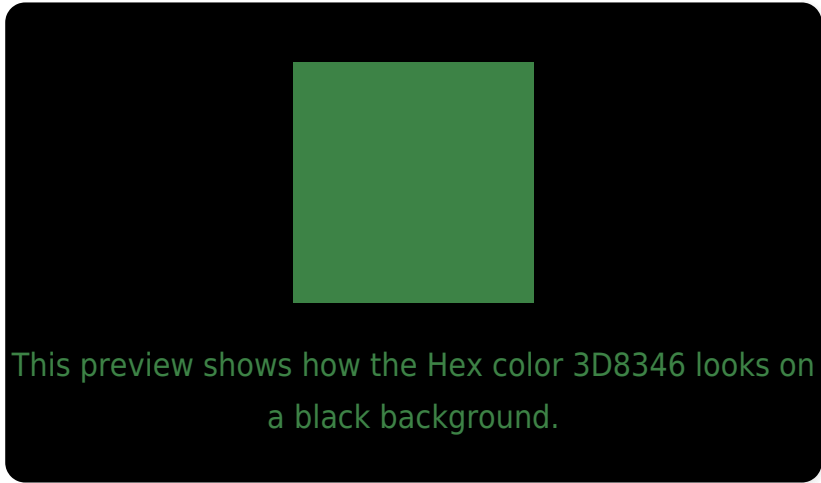
Large Text (above 18pt) WCAG AA ✓ Pass

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

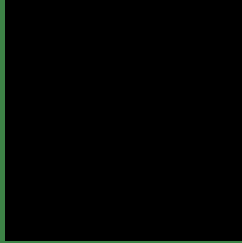
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3D8346 Background



This preview shows how black text looks on a background with the Hex color 3D8346.



This preview shows how white text looks on a background with the Hex color 3D8346.

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
3D8346

Protanopia
807441

Deuteranopia
8C6F4B



Tritanopia
4C7C86

Trichromacy



Original Color
3D8346

Protanomaly
687943

Deuteranomaly
6F7649

Tritanomaly
477F6F

Monochromacy



Original Color
3D8346

Achromatopsia
676767

Achromatomaly
58715B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8346 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 #3D8346 looks like.

```
.text, #text, p{  
    color:#3D8346  
}
```

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 #3D8346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8346
}
```

Border

The CSS property to change the border of an element to Hex 3D8346 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
#3D8346 }
```

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

```
.border{ border-color:#3D8346 }
```

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

Here you see how a box with a 4 pixel #3D8346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8346; -webkit-box-shadow:4px 4px  
4px 4px #3D8346; box-shadow:4px 4px 4px  
4px #3D8346 }
```

Background

The CSS property to change the background color of an element to Hex 3D8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8346 }
```

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

```
.background{ background-color:#3D8346 }
```

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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