

Converting Colors

Hex(3D8C16)

Have a look what the booklet for
Hex(3D8C16) contains.

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Color

Hex(3D8C16)

Conversions

Conversions Part 1

Format	Color
Hex	3D8C16
RGB	61, 140, 22
RGB Percent	24%, 55%, 9%
CMY	0.7608, 0.4510, 0.9137
CMYK	0.56, 0.00, 0.84, 0.45
HSL	100°, 73%, 32%
HSV	100°, 84%, 55%
XYZ	11.4474, 19.8062, 3.9787
YIQ	102.9270, -9.2060, -53.4460

Conversions

Conversions Part 2

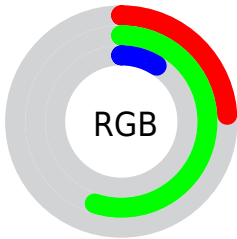
Format	Color
R_{YB}	22, 140, 101
Decimal	4033558
CIE _{Lab}	51.62, -44.53, 50.21
CIE _{LCh}	52, 67.116, 131.568
Yxy	19.8062, 0.3249, 0.5622
Android (android.graphics.Color)	4282223638 (0xFF3D8C16)
YUV	102.9270, -39.8970, -36.7700
Hunter-Lab	44.5042, -31.9684, 25.8523

Details

The Hex color **3D8C16** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **65168C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **75C24E**, and **005900** is the 20% darker color. If you saturate the color by 10%, you get **348C08**, and if you desaturate by 10%, it is **468C24**.

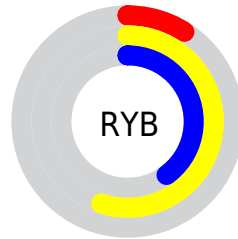
Distribution



Red (24%)

Green (55%)

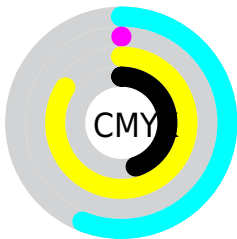
Blue (9%)



Red (9%)

Yellow (55%)

Blue (40%)

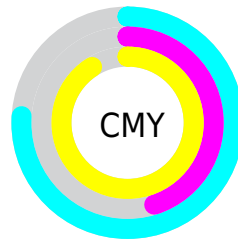


Cyan (56%)

Magenta (0%)

Yellow (84%)

Black (45%)



Cyan (76%)

Magenta (45%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D8C16 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 3D8C16 by changing the saturation by 10% instead.



3D8C16



3D8C16

FFFFFF



1D7200



75C24E



005900



91DF68



004000



AEFB82



002B00



CAFF9E



000B00



E8FFB9



000000



FFFFD6



FFFFF3



3D8C16



3D8C16

■ 348C08

■ 468C24

■ 2E8C00

■ 508C32

■ 598C40

■ 628C4E

■ 6C8C5C

■ 758C6A

■ 7F8C78

■ 888C86

■ 918C94

Harmonies

Analogous

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



807F00



3D8C16



009254

Triad

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



3D8C16



008BE8



E03A67

Complementary

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



3D8C16



65168C

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.



CF43A1



3D8C16



007BED

Square

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



3D8C16



0093C6



9861D2



D35031

Rectangle

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



3D8C16



00947C



9861D2



DE397B

Sweetspot

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



3D8C16



97B588



8C6516



495C40



DBDBDB



5C5C5C

Same Dimension

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



3D8C16



3CB500



168C2A



40453E



2C8500



020500

Inverse Universe

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



65168C



7900B5



8C1678



433E45



590085



030005

Previews

White Background



This preview shows how the Hex color 3D8C16 looks on a white background.

Color Contrast Check

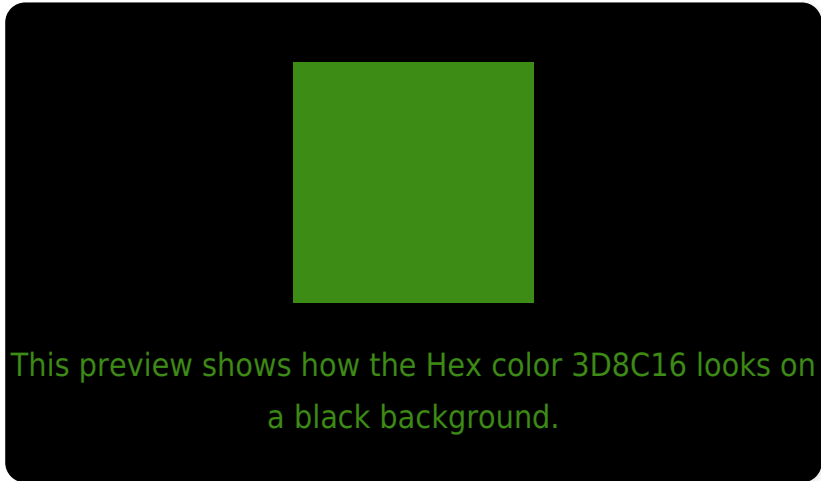
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 3D8C16 Background



This preview shows how black text looks on a background with the Hex color 3D8C16.



This preview shows how white text looks on a background with the Hex color 3D8C16.

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
3D8C16

Protanopia
8A7B11

Deuteranopia
997424



Tritanopia
52828D

Trichromacy



Original Color
3D8C16

Protanomaly
6E8113

Deuteranomaly
787D1F

Tritanomaly
4A8662

Monochromacy



Original Color
3D8C16

Achromatopsia
676767

Achromatomaly
58744A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D8C16 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 #3D8C16 looks like.

```
.text, #text, p{  
    color:#3D8C16  
}
```

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 #3D8C16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8C16
}
```

Border

The CSS property to change the border of an element to Hex 3D8C16 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
#3D8C16 }
```

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

```
.border{ border-color:#3D8C16 }
```

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

Here you see how a box with a 4 pixel #3D8C16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8C16; -webkit-box-shadow:4px 4px  
4px 4px #3D8C16; box-shadow:4px 4px 4px  
4px #3D8C16 }
```

Background

The CSS property to change the background color of an element to Hex 3D8C16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8C16 }
```

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

```
.background{ background-color:#3D8C16 }
```

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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