

# Converting Colors

Hex(3D8407)

Have a look what the booklet for  
Hex(3D8407) contains.

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**Color**

**Hex(3D8407)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D8407
RGB	61, 132, 7
RGB Percent	24%, 52%, 3%
CMY	0.7608, 0.4824, 0.9725
CMYK	0.54, 0.00, 0.95, 0.48
HSL	94°, 90%, 27%
HSV	94°, 95%, 52%
XYZ	10.2141, 17.5100, 3.0424
YIQ	96.5210, -2.1910, -53.9270

# Conversions

## Conversions Part 2

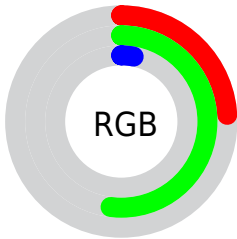
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 132, 78
Decimal	4031495
CIELab	48.90, -42.01, 51.20
CIELCh	49, 66.229, 129.369
Yxy	17.5100, 0.3320, 0.5691
Android (android.graphics.Color)	4282221575 (0xFF3D8407)
YUV	96.5210, -44.1339, -31.1519
Hunter-Lab	41.8449, -29.6579, 24.9806

# Details

The Hex color **3D8407** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4E0784**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **75BA44**, and **005100** is the 20% darker color. If you saturate the color by 10%, you get **398400**, and if you desaturate by 10%, it is **448414**.

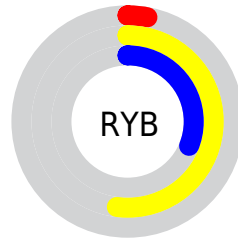
# Distribution



Red (24%)

Green (52%)

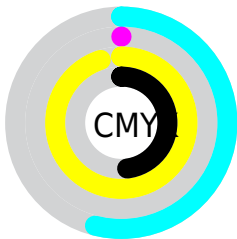
Blue (3%)



Red (3%)

Yellow (52%)

Blue (31%)

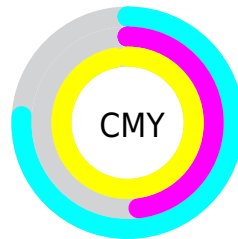


Cyan (54%)

Magenta (0%)

Yellow (95%)

Black (48%)



Cyan (76%)

Magenta (48%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D8407 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 3D8407 by changing the saturation by 10% instead.



 3D8407

 3D8407

FFFFFF

 1E6A00

 75BA44

 005100

 90D65F

 003A00

 ADF279

 002500

 C9FF94

 000000

 E6FFB0

 FFFFCC

 FFFF99

 3D8407

 3D8407

■ 398400

■ 448414

■ 4C8421

■ 53842F

■ 5B843C

■ 628449

■ 6A8456

■ 718463

■ 798471

■ 80847E

# Harmonies

## Analogous

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



7D7700



3D8407



008B4A

# Triad

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



3D8407



0085DE



D63265

# Complementary

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



3D8407



4E0784

# 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.



C33E9D



3D8407



0075E4

# Square

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



3D8407



008CBA



8B5CCC



CC472F

# Rectangle

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



3D8407



008D71



8B5CCC



D33278



# Sweetspot

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



3D8407



90AB7B



844E07



465739



D6D6D6



575757



# Same Dimension

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



3D8407



4AAB00



07840F



3F423C



388200



010300



# Inverse Universe

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



4E0784



6100AB



84077C



3F3C42



4A0082



010003



# Previews

## White Background



This preview shows how the Hex color 3D8407 looks on a white background.

## Color Contrast Check

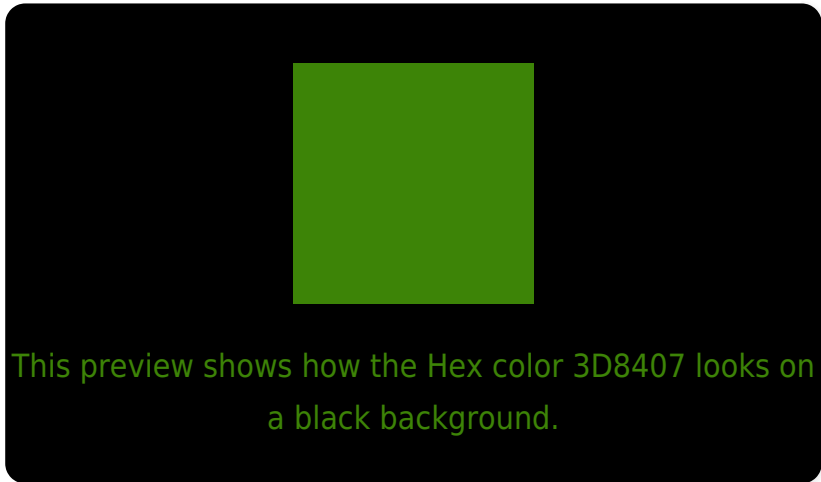
Large Text (above 18pt) WCAG AA ✓ Pass

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 3D8407 Background



This preview shows how black text looks on a background with the Hex color 3D8407.



This preview shows how white text looks on a background with the Hex color 3D8407.

# 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**  
3D8407

**Protanopia**  
827400

**Deuteranopia**  
916E1C



**Tritanopia**  
507B85

# Trichromacy



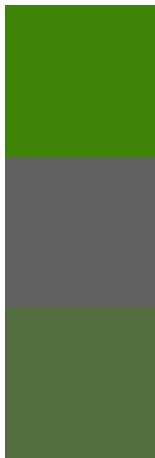
**Original Color**  
3D8407

**Protanomaly**  
697A03

**Deuteranomaly**  
727614

**Tritanomaly**  
497E57

# Monochromacy



**Original Color**  
3D8407

**Achromatopsia**  
616161

**Achromatomaly**  
546E40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D8407 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 #3D8407 looks like.

```
.text, #text, p{  
    color:#3D8407  
}
```

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 #3D8407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D8407
}
```

## Border

The CSS property to change the border of an element to Hex 3D8407 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
#3D8407 }
```

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

```
.border{ border-color:#3D8407 }
```

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

Here you see how a box with a 4 pixel #3D8407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D8407; -webkit-box-shadow:4px 4px  
4px 4px #3D8407; box-shadow:4px 4px 4px  
4px #3D8407 }
```

# Background

The CSS property to change the background color of an element to Hex 3D8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D8407 }
```

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

```
.background{ background-color:#3D8407 }
```

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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