

Converting Colors

Hex(3A8237)

Have a look what the booklet for
Hex(3A8237) contains.

Hex(3A8237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A8237)

Conversions

Conversions Part 1

Format	Color
Hex	3A8237
RGB	58, 130, 55
RGB Percent	23%, 51%, 22%
CMY	0.7725, 0.4902, 0.7843
CMYK	0.55, 0.00, 0.58, 0.49
HSL	118°, 41%, 36%
HSV	118°, 58%, 51%
XYZ	10.4171, 17.1406, 6.3739
YIQ	99.9220, -18.8370, -38.5890

Conversions

Conversions Part 2

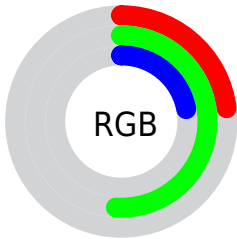
Format	Color
RYB	55, 130, 127
Decimal	3834423
CIELab	48.44, -38.46, 33.44
CIElCh	48, 50.969, 138.996
Yxy	17.1406, 0.3070, 0.5052
Android (android.graphics.Color)	4282024503 (0xFF3A8237)
YUV	99.9220, -22.1465, -36.7656
Hunter-Lab	41.4013, -27.5391, 19.8530

Details

The Hex color **3A8237** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **7F3782**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70B868**, and **005005** is the 20% darker color. If you saturate the color by 10%, you get **2E822A**, and if you desaturate by 10%, it is **468244**.

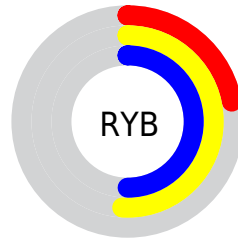
Distribution



Red (23%)

Green (51%)

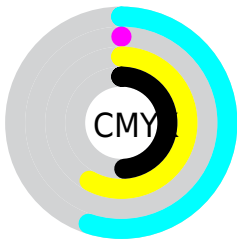
Blue (22%)



Red (22%)

Yellow (51%)

Blue (50%)

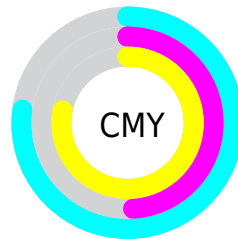


Cyan (55%)

Magenta (0%)

Yellow (58%)

Black (49%)



Cyan (77%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A8237 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 3A8237 by changing the saturation by 10% instead.

 3A8237

 3A8237

FFFFFF

 1D681F

 70B868

 005005

 8BD482

 003800

 A6F09C

 002400

 C3FFB8

 000000

 DFFFD4

 FDDFF0

 3A8237

 3A8237

 2E822A

 468244

 21821D

 538251

 158210

 5F825E

 088203

 6C826B

 058200

 788278

 858285

 918292

 9E829F

 AA82AC

Harmonies

Analogous

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



6F7917



3A8237



008761

Triad

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



3A8237



007DC8



C14B5A

Complementary

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



3A8237



7F3782

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.



B94C85



3A8237



556EC5

Square

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



3A8237



0085B3



975BAC



B35A33

Rectangle

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



3A8237



00887F



975BAC



C14968

Sweetspot

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



3A8237



8DA88C



827E37



445443



D4D4D4



545454

Same Dimension

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



3A8237



39A834



378259



3A4039



058000



000000

Inverse Universe

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



7F3782



A434A8



823760



3F3940



7A0080



000000

Previews

White Background



This preview shows how the Hex color 3A8237 looks on a white background.

Color Contrast Check

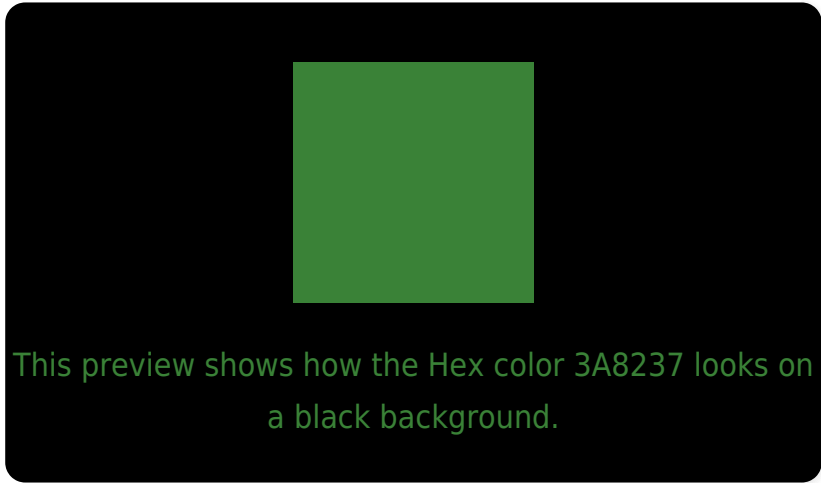
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 3A8237 Background



This preview shows how black text looks on a background with the Hex color 3A8237.



This preview shows how white text looks on a background with the Hex color 3A8237.

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
3A8237

Protanopia
7F7332

Deuteranopia
8C6D3D



Tritanopia
4B7A84

Trichromacy



Original Color
3A8237

Protanomaly
667834

Deuteranomaly
6E753B

Tritanomaly
457D68

Monochromacy



Original Color
3A8237

Achromatopsia
646464

Achromatomaly
556F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A8237 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 #3A8237 looks like.

```
.text, #text, p{  
    color:#3A8237  
}
```

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 #3A8237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A8237
}
```

Border

The CSS property to change the border of an element to Hex 3A8237 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
#3A8237 }
```

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

```
.border{ border-color:#3A8237 }
```

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

Here you see how a box with a 4 pixel #3A8237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A8237; -webkit-box-shadow:4px 4px  
4px 4px #3A8237; box-shadow:4px 4px 4px  
4px #3A8237 }
```

Background

The CSS property to change the background color of an element to Hex 3A8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A8237 }
```

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

```
.background{ background-color:#3A8237 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor