

Converting Colors

Hex(38AD16)

Have a look what the booklet for
Hex(38AD16) contains.

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Color

Hex(38AD16)

Conversions

Conversions Part 1

Format	Color
Hex	38AD16
RGB	56, 173, 22
RGB Percent	22%, 68%, 9%
CMY	0.7804, 0.3216, 0.9137
CMYK	0.68, 0.00, 0.87, 0.32
HSL	106°, 77%, 38%
HSV	106°, 87%, 68%
XYZ	16.7193, 30.7858, 5.8201
YIQ	120.8030, -21.2610, -71.7650

Conversions

Conversions Part 2

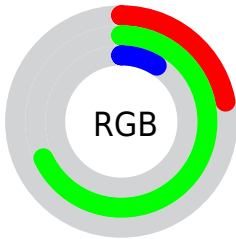
Format	Color
RYB	22, 173, 139
Decimal	3714326
CIELab	62.33, -57.46, 59.71
CIELCh	62, 82.864, 133.902
Yxy	30.7858, 0.3135, 0.5773
Android (android.graphics.Color)	4281904406 (0xFF38AD16)
YUV	120.8030, -48.7099, -56.8322
Hunter-Lab	55.4850, -43.3113, 32.6202

Details

The Hex color **38AD16** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8B16AD**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **77E653**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **2BAD05**, and if you desaturate by 10%, it is **45AD27**.

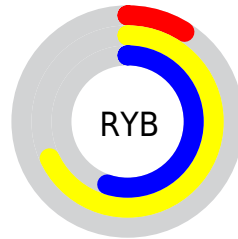
Distribution



Red (22%)

Green (68%)

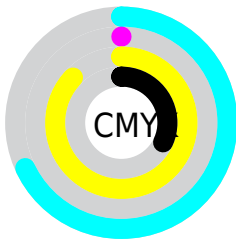
Blue (9%)



Red (9%)

Yellow (68%)

Blue (55%)

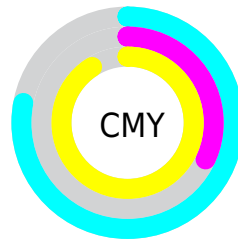


Cyan (68%)

Magenta (0%)

Yellow (87%)

Black (32%)



Cyan (78%)

Magenta (32%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38AD16 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 38AD16 by changing the saturation by 10% instead.



38AD16



38AD16

FFFFFF



039200



77E653



007700



95FF6F



005D00



B3FF8A



004400



D0FFA6



002E00



EFFFC2



000F00



FFFFDF



000000



FFFFFFD



38AD16



38AD16

■ 2BAD05

■ 45AD27

■ 27AD00

■ 53AD39

■ 60AD4A

■ 6EAD5B

■ 7BAD6D

■ 88AD7E

■ 96AD8F

■ A3ADA0

■ B1ADB2

Harmonies

Analogous

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



969E00



38AD16



00B46B

Triad

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



38AD16



00A AFF



FF3E78

Complementary

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



38AD16



8B16AD

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.



FF48C1



38AD16



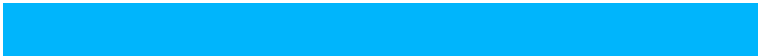
0094FF

Square

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



38AD16



00B5FC



C371FF



FF6031

Rectangle

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



38AD16



00B79F



C371FF



FF3A90

Sweetspot

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



38AD16



B3E0A6



AD8A16



55704D



F0F0F0



707070

Same Dimension

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



38AD16



33E000



16AD3E



50574E



229600



051700

Inverse Universe

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



8B16AD



AE00E0



AD1685



554E57



750096



120017

Previews

White Background



This preview shows how the Hex color 38AD16 looks on a white background.

Color Contrast Check

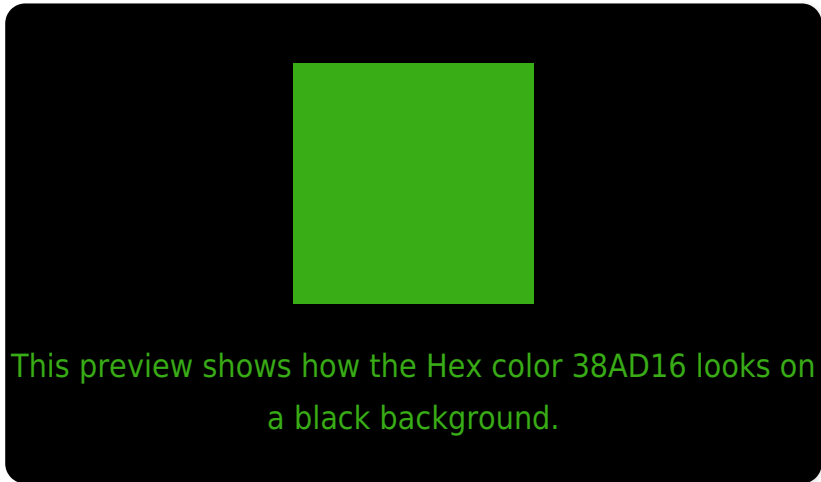
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 38AD16 Background



This preview shows how black text looks on a background with the Hex color 38AD16.



This preview shows how white text looks on a background with the Hex color 38AD16.

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](#).

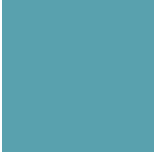
Dichromacy



Original Color
38AD16

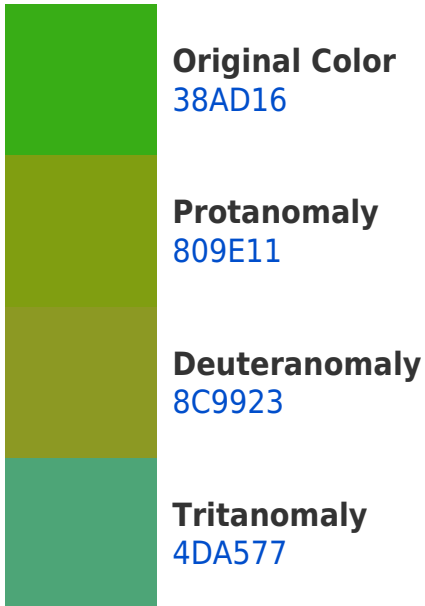
Protanopia
A9960E

Deuteranopia
BC8E2A

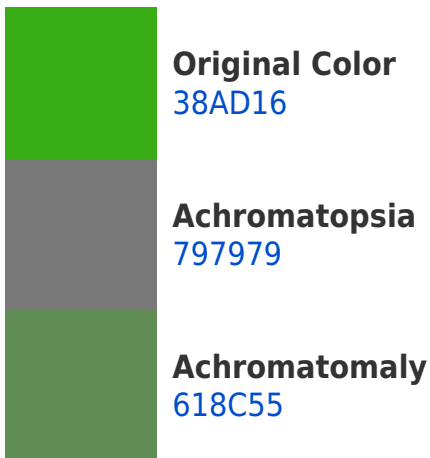


Tritanopia
59A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38AD16 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 #38AD16 looks like.

```
.text, #text, p{  
    color:#38AD16  
}
```

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 #38AD16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38AD16
}
```

Border

The CSS property to change the border of an element to Hex 38AD16 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
#38AD16 }
```

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

```
.border{ border-color:#38AD16 }
```

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

Here you see how a box with a 4 pixel #38AD16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38AD16; -webkit-box-shadow:4px 4px  
4px 4px #38AD16; box-shadow:4px 4px 4px  
4px #38AD16 }
```

Background

The CSS property to change the background color of an element to Hex 38AD16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38AD16 }
```

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

```
.background{ background-color:#38AD16 }
```

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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