

Converting Colors

Hex(38A824)

Have a look what the booklet for
Hex(38A824) contains.

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Color

Hex(38A824)

Conversions

Conversions Part 1

Format	Color
Hex	38A824
RGB	56, 168, 36
RGB Percent	22%, 66%, 14%
CMY	0.7804, 0.3412, 0.8588
CMYK	0.67, 0.00, 0.79, 0.34
HSL	111°, 65%, 40%
HSV	111°, 79%, 66%
XYZ	15.9520, 28.9734, 6.4207
YIQ	119.4640, -24.3800, -64.7960

Conversions

Conversions Part 2

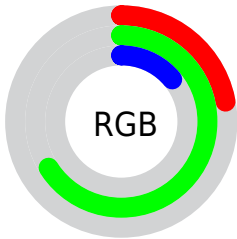
Format	Color
R_{YB}	36, 168, 148
Decimal	3713060
CIE _{Lab}	60.76, -55.05, 54.50
CIE _{LCh}	61, 77.464, 135.292
Yxy	28.9734, 0.3107, 0.5643
Android (android.graphics.Color)	4281903140 (0xFF38A824)
YUV	119.4640, -41.1478, -55.6579
Hunter-Lab	53.8269, -41.2975, 30.6065

Details

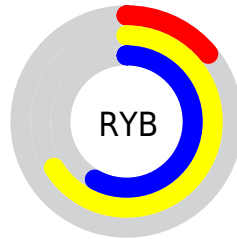
The Hex color **38A824** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9424A8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **76E05B**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **2AA813**, and if you desaturate by 10%, it is **46A835**.

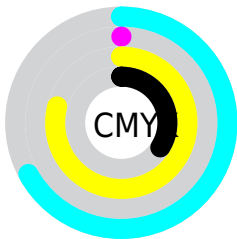
Distribution



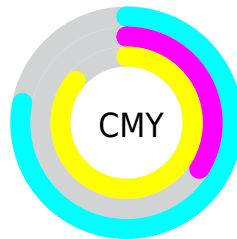
- Red (22%)
- Green (66%)
- Blue (14%)



- Red (14%)
- Yellow (66%)
- Blue (58%)



- Cyan (67%)
- Magenta (0%)
- Yellow (79%)
- Black (34%)



- Cyan (78%)
- Magenta (34%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A824 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 38A824 by changing the saturation by 10% instead.



38A824



38A824

FFFFFF



088D00



76E05B



007300



93FD76



005900



B0FF92



004000



CEFFAD



002A00



ECFFCA



000500



FFFFE6



000000



38A824



38A824



2AA813



46A835

 1BA802

 55A846

 19A800

 63A856

 71A867

 7FA878

 8EA889

 9CA89A

 AAA8AA

 B8A8BB

Harmonies

Analogous

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



909A00



38A824



00AF6D

Triad

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



38A824



00A4FF



FF4573

Complementary

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



38A824



9424A8

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.



FB4BB7



38A824



278FFF

Square

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



38A824



00AEF3



C06EF4



F76332

Rectangle

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



38A824



00B19D



C06EF4



FF4289

Sweetspot

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



38A824



AFDBA7



A89224



536E4E



EDEDED



6E6E6E

Same Dimension

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



38A824



2CDB0D



24A850



4D544C



169400



031400

Inverse Universe

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



9424A8



BC0DDB



A8247C



534C54



7D0094



110014

Previews

White Background



This preview shows how the Hex color 38A824 looks on a white background.

Color Contrast Check

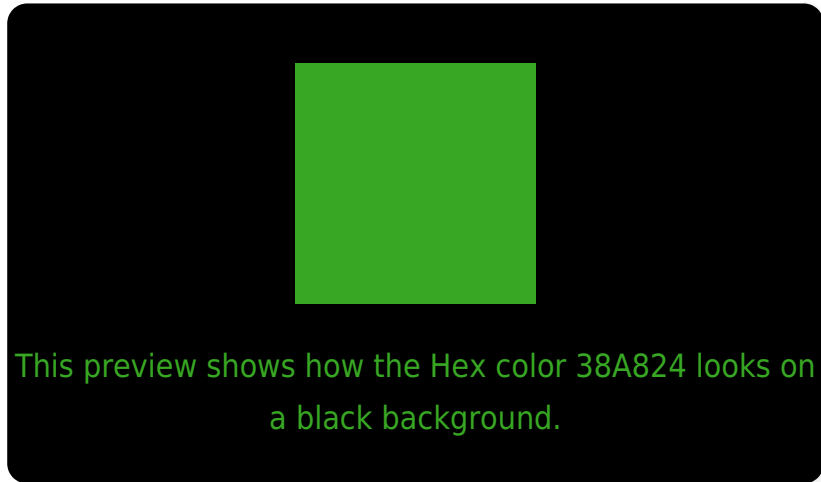
Large Text (above 18pt) WCAG AA ✓ Pass

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

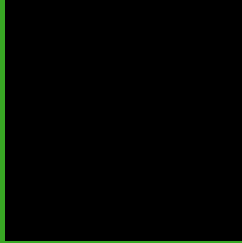
Any Text WCAG AA ✓ Pass

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 38A824 Background



This preview shows how black text looks on a background with the Hex color 38A824.



This preview shows how white text looks on a background with the Hex color 38A824.

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](#).

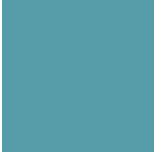
Dichromacy



Original Color
38A824

Protanopia
A4921E

Deuteranopia
B68A32



Tritanopia
579DA9

Trichromacy



Original Color
38A824



Protanomaly
7D9A20



Deuteranomaly
88952D



Tritanomaly
4CA179

Monochromacy



Original Color
38A824



Achromatopsia
777777



Achromatomaly
608959

CSS Examples

Text

The CSS property to change the color of the text to Hex 38A824 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 #38A824 looks like.

```
.text, #text, p{  
    color:#38A824  
}
```

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 #38A824 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A824
}
```

Border

The CSS property to change the border of an element to Hex 38A824 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
#38A824 }
```

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

```
.border{ border-color:#38A824 }
```

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

Here you see how a box with a 4 pixel #38A824 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A824; -webkit-box-shadow:4px 4px  
4px 4px #38A824; box-shadow:4px 4px 4px  
4px #38A824 }
```

Background

The CSS property to change the background color of an element to Hex 38A824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A824 }
```

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

```
.background{ background-color:#38A824 }
```

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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