

# Converting Colors

Hex(38A20D)

Have a look what the booklet for  
Hex(38A20D) contains.

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# Color

**Hex(38A20D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38A20D
RGB	56, 162, 13
RGB Percent	22%, 64%, 5%
CMY	0.7804, 0.3647, 0.9490
CMYK	0.65, 0.00, 0.92, 0.36
HSL	103°, 85%, 34%
HSV	103°, 92%, 64%
XYZ	14.6239, 26.7105, 4.7657
YIQ	113.3200, -15.3470, -68.8110

# Conversions

## Conversions Part 2

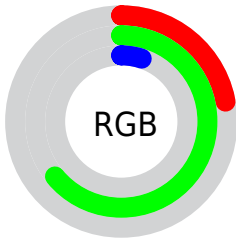
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 162, 119
Decimal	3711501
CIELab	58.71, -54.08, 58.32
CIELCh	59, 79.536, 132.841
Yxy	26.7105, 0.3172, 0.5794
Android (android.graphics.Color)	4281901581 (0xFF38A20D)
YUV	113.3200, -49.4578, -50.2696
Hunter-Lab	51.6822, -39.9359, 30.7103

# Details

The Hex color **38A20D** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **770DA2**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **75DA4D**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **2FA200**, and if you desaturate by 10%, it is **44A21D**.

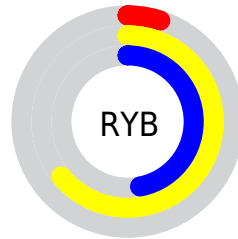
# Distribution



Red (22%)

Green (64%)

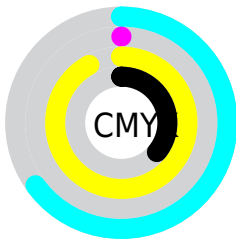
Blue (5%)



Red (5%)

Yellow (64%)

Blue (47%)

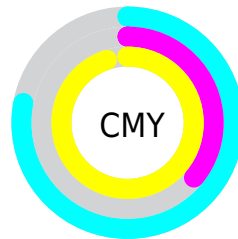


Cyan (65%)

Magenta (0%)

Yellow (92%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38A20D 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 38A20D by changing the saturation by 10% instead.



 38A20D

 38A20D

FFFFFF

 0A8700

 75DA4D

 006D00

 93F768

 005400

 B0FF84

 003B00

 CDFF9F

 002500

 EBFFBB

 000000

 FFFFD8

 FFFFF5

 38A20D

 38A20D

 2FA200

 44A21D

 4FA22D

 5BA23E

 66A24E

 72A25E

 7DA26E

 89A27E

 94A28F

 A0A29F

# Harmonies

## Analogous

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



8F9400



38A20D



00A961

# Triad

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



38A20D



00A0FF



FF3773

# Complementary

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



38A20D



770DA2

# 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.



F443B8



38A20D



008CFF

# Square

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



38A20D



00AAEB



B46BF5



F5582F

# Rectangle

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



38A20D



00AB92



B46BF5



FF358A



# Sweetspot

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



38A20D



A9D498



A2750D



516B47



EBEBEB



6B6B6B



# Same Dimension

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



38A20D



3DD400



0DA22B



4C5249



2A9100



051200



# Inverse Universe

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



770DA2



9700D4



A20D84



4F4952



670091



0D0012



# Previews

## White Background



This preview shows how the Hex color 38A20D looks on a white background.

## Color Contrast Check

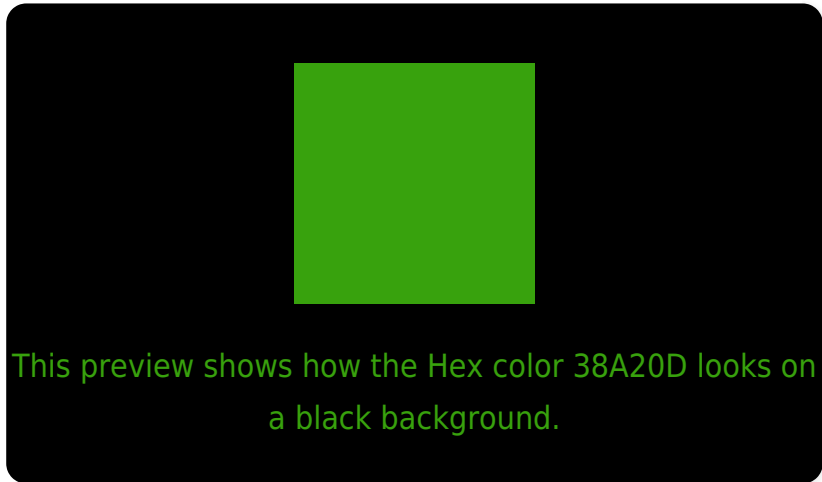
Large Text (above 18pt) WCAG AA ✓ Pass

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

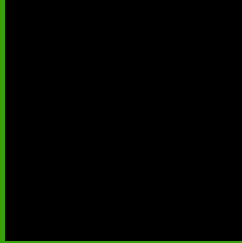
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 38A20D Background



This preview shows how black text looks on a background with the Hex color 38A20D.

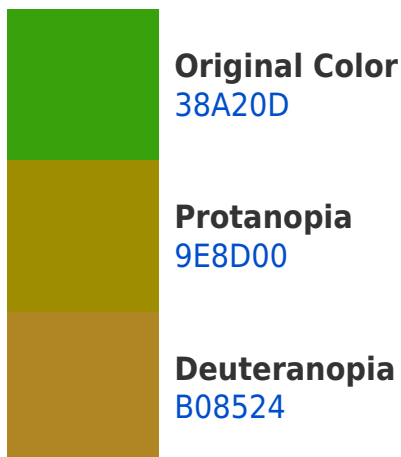


This preview shows how white text looks on a background with the Hex color 38A20D.

# 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





**Tritanopia**  
5597A3

# Trichromacy



**Original Color**  
38A20D



**Protanomaly**  
799505



**Deuteranomaly**  
84901C



**Tritanomaly**  
4A9B6C

# Monochromacy



**Original Color**  
38A20D



**Achromatopsia**  
717171



**Achromatomaly**  
5C834D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38A20D 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 #38A20D looks like.

```
.text, #text, p{  
    color:#38A20D  
}
```

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 #38A20D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A20D
}
```

## Border

The CSS property to change the border of an element to Hex 38A20D 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
#38A20D }
```

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

```
.border{ border-color:#38A20D }
```

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

Here you see how a box with a 4 pixel #38A20D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A20D; -webkit-box-shadow:4px 4px  
4px 4px #38A20D; box-shadow:4px 4px 4px  
4px #38A20D }
```

# Background

The CSS property to change the background color of an element to Hex 38A20D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A20D }
```

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

```
.background{ background-color:#38A20D }
```

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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