

Converting Colors

Hex(38A22F)

Have a look what the booklet for
Hex(38A22F) contains.

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Color

Hex(38A22F)

Conversions

Conversions Part 1

Format	Color
Hex	38A22F
RGB	56, 162, 47
RGB Percent	22%, 64%, 18%
CMY	0.7804, 0.3647, 0.8157
CMYK	0.65, 0.00, 0.71, 0.36
HSL	115°, 55%, 41%
HSV	115°, 71%, 64%
XYZ	15.0643, 26.8866, 7.0850
YIQ	117.1960, -26.2610, -58.2370

Conversions

Conversions Part 2

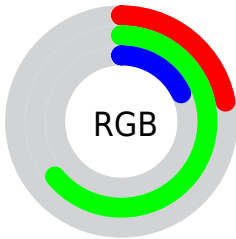
Format	Color
RYB	47, 162, 153
Decimal	3711535
CIELab	58.87, -52.13, 48.64
CIELCh	59, 71.296, 136.980
Yxy	26.8866, 0.3072, 0.5483
Android (android.graphics.Color)	4281901615 (0xFF38A22F)
YUV	117.1960, -34.6066, -53.6689
Hunter-Lab	51.8523, -38.8832, 28.1954

Details

The Hex color **38A22F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **992FA2**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **74DA63**, and **006D00** is the 20% darker color. If you saturate the color by 10%, you get **29A21F**, and if you desaturate by 10%, it is **47A23F**.

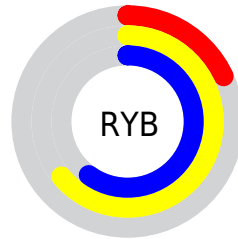
Distribution



Red (22%)

Green (64%)

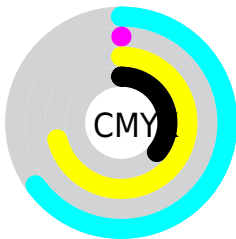
Blue (18%)



Red (18%)

Yellow (64%)

Blue (60%)

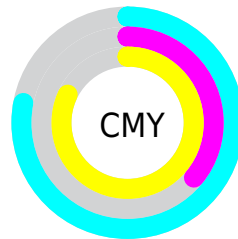


Cyan (65%)

Magenta (0%)

Yellow (71%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A22F 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 38A22F by changing the saturation by 10% instead.

 38A22F

 38A22F

FFFFFF

 0D8711

 74DA63

 006D00

 91F77E

 005400

 AEFF99

 003B00

 CBFFB5

 002500

 E9FFD1

 000000

 FFFFEE

 38A22F

 38A22F

 29A21F

 47A23F

 1AA20F

 56A24F

 0DA200

 65A260

 74A270

 83A280

 92A290

 A1A2A0

 AFA2B1

 BEA2C1

Harmonies

Analogous

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



899600



38A22F



00A86F

Triad

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



38A22F



009DFF



FC4C6D

Complementary

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



38A22F



992FA2

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.



EF4FAC



38A22F



4889FF

Square

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



38A22F



00A7E8



BC6BE4



E96532

Rectangle

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



38A22F



00AA9B



BC6BE4



FC4882

Sweetspot

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



38A22F



ABD4A7



A2982F



526B50



EBEBEB



6B6B6B

Same Dimension

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



38A22F



2ED420



2FA25F



4A5249



0B9100



011200

Inverse Universe

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



992FA2



C620D4



A22F72



514952



860091



100012

Previews

White Background



This preview shows how the Hex color 38A22F looks on a white background.

Color Contrast Check

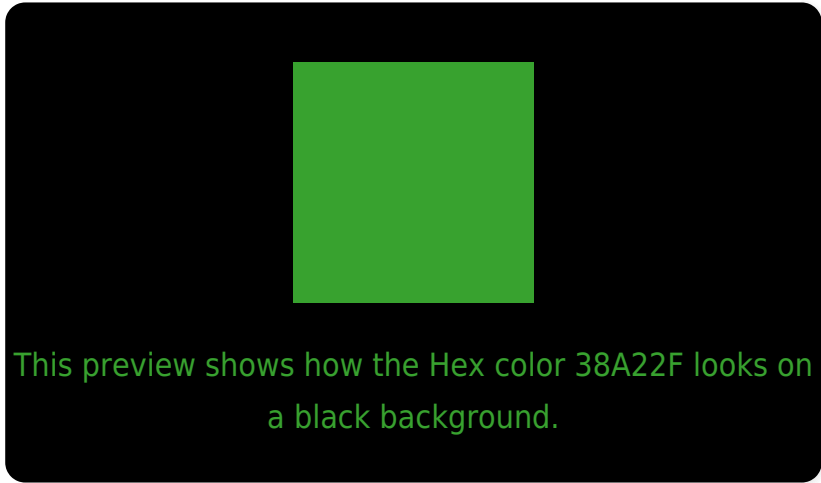
Large Text (above 18pt) WCAG AA ✓ Pass

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

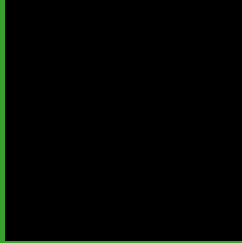
Any Text WCAG AA ✓ Pass

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 38A22F Background



This preview shows how black text looks on a background with the Hex color 38A22F.

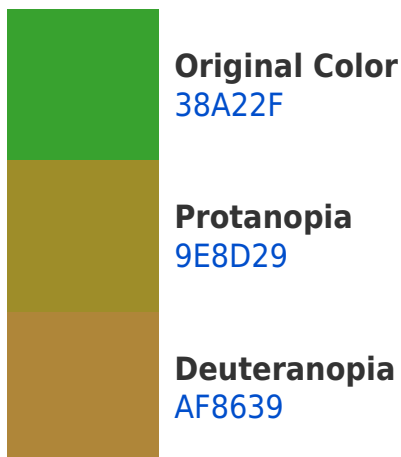


This preview shows how white text looks on a background with the Hex color 38A22F.

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](#).

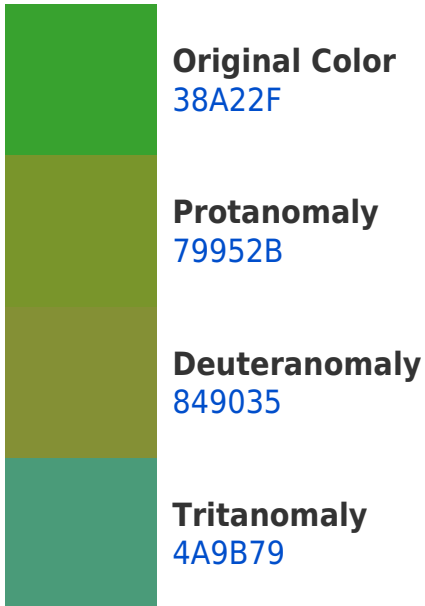
Dichromacy



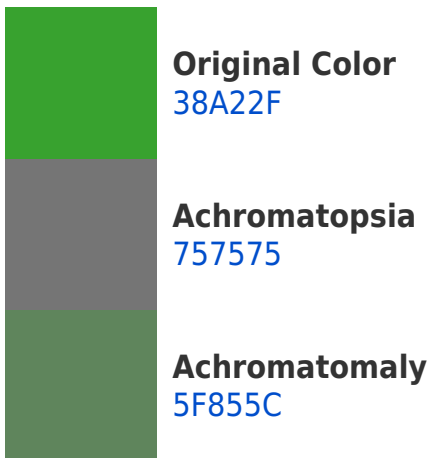


Tritanopia
5497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38A22F 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 #38A22F looks like.

```
.text, #text, p{  
    color:#38A22F  
}
```

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 #38A22F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A22F
}
```

Border

The CSS property to change the border of an element to Hex 38A22F 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
#38A22F }
```

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

```
.border{ border-color:#38A22F }
```

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

Here you see how a box with a 4 pixel #38A22F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A22F; -webkit-box-shadow:4px 4px  
4px 4px #38A22F; box-shadow:4px 4px 4px  
4px #38A22F }
```

Background

The CSS property to change the background color of an element to Hex 38A22F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A22F }
```

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

```
.background{ background-color:#38A22F }
```

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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