

Converting Colors

Hex(38A631)

Have a look what the booklet for
Hex(38A631) contains.

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Color

Hex(38A631)

Conversions

Conversions Part 1

Format	Color
Hex	38A631
RGB	56, 166, 49
RGB Percent	22%, 65%, 19%
CMY	0.7804, 0.3490, 0.8078
CMYK	0.66, 0.00, 0.70, 0.35
HSL	116°, 54%, 42%
HSV	116°, 70%, 65%
XYZ	15.8215, 28.3349, 7.5410
YIQ	119.7720, -28.0030, -59.7070

Conversions

Conversions Part 2

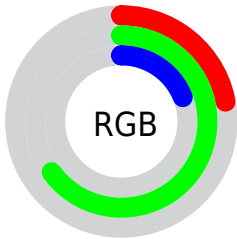
Format	Color
R_{YB}	49, 166, 159
Decimal	3712561
CIE _{Lab}	60.19, -53.36, 49.23
CIE _{LCh}	60, 72.599, 137.306
Yxy	28.3349, 0.3060, 0.5481
Android (android.graphics.Color)	4281902641 (0xFF38A631)
YUV	119.7720, -34.8906, -55.9280
Hunter-Lab	53.2306, -40.0988, 28.8619

Details

The Hex color **38A631** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9F31A6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **75DE66**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **28A620**, and if you desaturate by 10%, it is **48A642**.

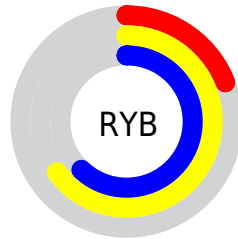
Distribution



Red (22%)

Green (65%)

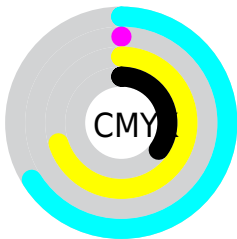
Blue (19%)



Red (19%)

Yellow (65%)

Blue (62%)

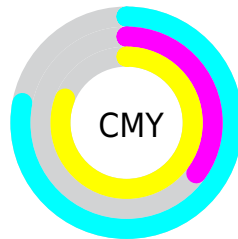


Cyan (66%)

Magenta (0%)

Yellow (70%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A631 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 38A631 by changing the saturation by 10% instead.



38A631



38A631

FFFFFF



0B8B13



75DE66



007100



92FB80



005700



AFFF9B



003F00



CCFFB7



002800



EAFFD3



000100



FFFFFF0



000000



38A631



38A631



28A620



48A642

■ 19A610

■ 57A652

■ 0AA600

■ 67A663

■ 76A673

■ 86A684

■ 96A695

■ A5A6A5

■ B5A6B6

■ C4A6C6

Harmonies

Analogous

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



8B9900



38A631



00AC73

Triad

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



38A631



00A0FF



FF4E6F

Complementary

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



38A631



9F31A6

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.



F550AF



38A631



4C8CFF

Square

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



38A631



00ABEE



C16EE9



EF6833

Rectangle

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



38A631



00AEAO



C16EE9



FF4A84

Sweetspot

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



38A631



AED9AB



A69E31



546E52



EDEDED



6E6E6E

Same Dimension

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



38A631



2CD921



31A664



4C544C



099400



011400

Inverse Universe

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



9F31A6



CE21D9



A63173



544C54



8B0094



130014

Previews

White Background



This preview shows how the Hex color 38A631 looks on a white background.

Color Contrast Check

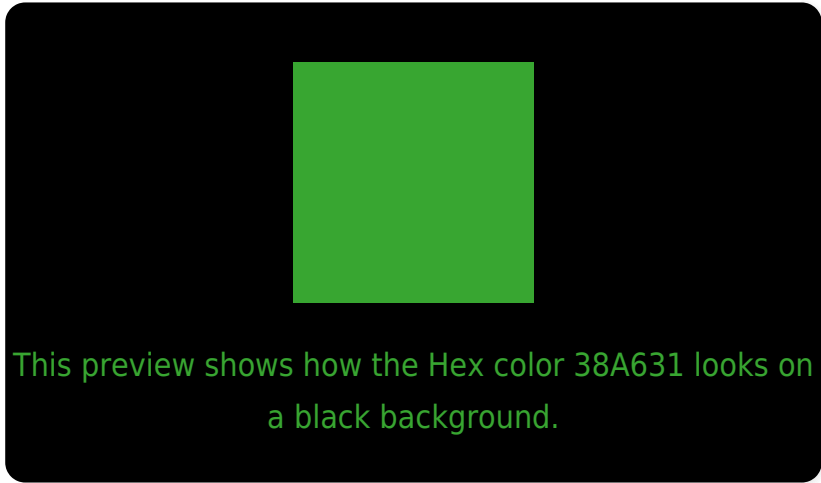
Large Text (above 18pt) WCAG AA ✓ Pass

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

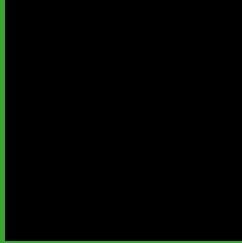
Any Text WCAG AA ✓ Pass

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 38A631 Background



This preview shows how black text looks on a background with the Hex color 38A631.



This preview shows how white text looks on a background with the Hex color 38A631.

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
559BA8

Trichromacy



Original Color
38A631



Protanomaly
7B982D



Deuteranomaly
869437



Tritanomaly
4A9F7D

Monochromacy



Original Color
38A631



Achromatopsia
787878



Achromatomaly
61895E

CSS Examples

Text

The CSS property to change the color of the text to Hex 38A631 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 #38A631 looks like.

```
.text, #text, p{  
    color:#38A631  
}
```

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 #38A631 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A631
}
```

Border

The CSS property to change the border of an element to Hex 38A631 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
#38A631 }
```

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

```
.border{ border-color:#38A631 }
```

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

Here you see how a box with a 4 pixel #38A631 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A631; -webkit-box-shadow:4px 4px  
4px 4px #38A631; box-shadow:4px 4px 4px  
4px #38A631 }
```

Background

The CSS property to change the background color of an element to Hex 38A631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A631 }
```

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

```
.background{ background-color:#38A631 }
```

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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