

Converting Colors

Hex(38AA43)

Have a look what the booklet for
Hex(38AA43) contains.

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Color

Hex(38AA43)

Conversions

Conversions Part 1

Format	Color
Hex	38AA43
RGB	56, 170, 67
RGB Percent	22%, 67%, 26%
CMY	0.7804, 0.3333, 0.7373
CMYK	0.67, 0.00, 0.61, 0.33
HSL	126°, 50%, 44%
HSV	126°, 67%, 67%
XYZ	17.0187, 29.9955, 10.2029
YIQ	124.1720, -34.8810, -56.2010

Conversions

Conversions Part 2

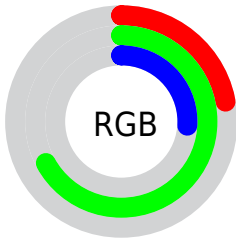
Format	Color
RYB	56, 160, 170
Decimal	3713603
CIELab	61.65, -52.88, 43.04
CIELCh	62, 68.183, 140.860
Yxy	29.9955, 0.2974, 0.5242
Android (android.graphics.Color)	4281903683 (0xFF38AA43)
YUV	124.1720, -28.1858, -59.7868
Hunter-Lab	54.7681, -40.3768, 27.2924

Details

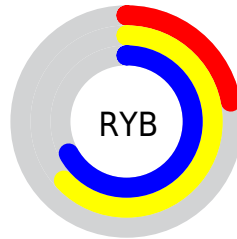
The Hex color **38AA43** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA389F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **75E276**, and **00740D** is the 20% darker color. If you saturate the color by 10%, you get **27AA34**, and if you desaturate by 10%, it is **49AA52**.

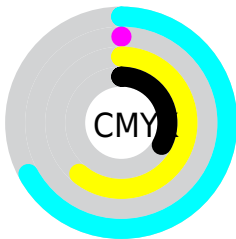
Distribution



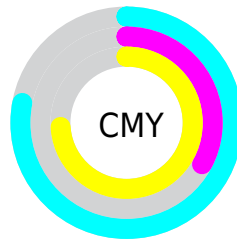
- Red (22%)
- Green (67%)
- Blue (26%)



- Red (22%)
- Yellow (63%)
- Blue (67%)



- Cyan (67%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (78%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38AA43 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 38AA43 by changing the saturation by 10% instead.

 38AA43

 38AA43

FFFFFF

 0B8F29

 75E276

 00740D

 92FF91

 005B00

 AFFFAC

 004200

 CCFFC8

 002C00

 EAFFE5

 000B00

 000000

 38AA43

 38AA43

 27AA34

 49AA52

 16AA24

 5AAA62

 05AA15

 6BAA71

 00AA10

 7CAA80

 8DAA90

 9EAA9F

 AFAAAF

 C0AABE

 D1AACD

Harmonies

Analogous

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



8A9E04



38AA43



00B080

Triad

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



38AA43



00A1FF



FF5B6E

Complementary

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



38AA43



AA389F

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.



F75AAA



38AA43



6E8DFF

Square

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



38AA43



00ADF2



CB71E2



EB7237

Rectangle

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



38AA43



00B1AA



CB71E2



FF5781

Sweetspot

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



38AA43



B1DEB6



A0AA38



557058



F0F0F0



707070

Same Dimension

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



38AA43



2CDE3D



38AA7A



4C544D



00940E



001402

Inverse Universe

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



AA389F



DE2CCD



AA3867



544C53



940086



140012

Previews

White Background



This preview shows how the Hex color 38AA43 looks on a white background.

Color Contrast Check

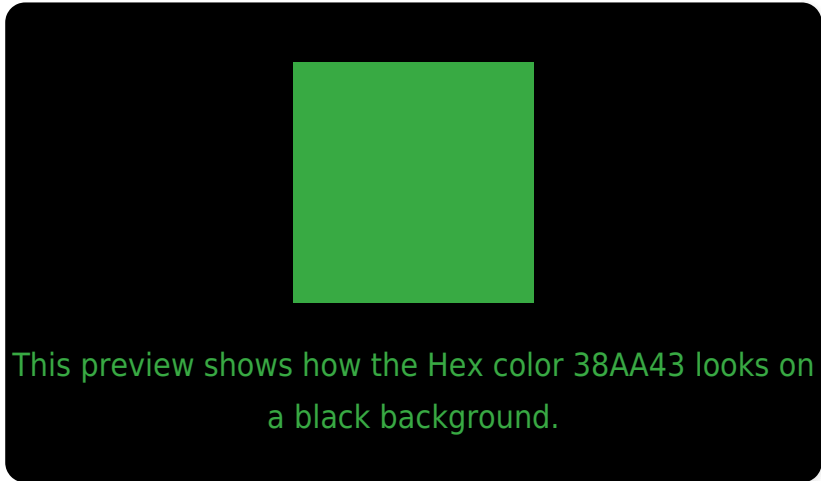
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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

Hex 38AA43 Background



This preview shows how black text looks on a background with the Hex color 38AA43.

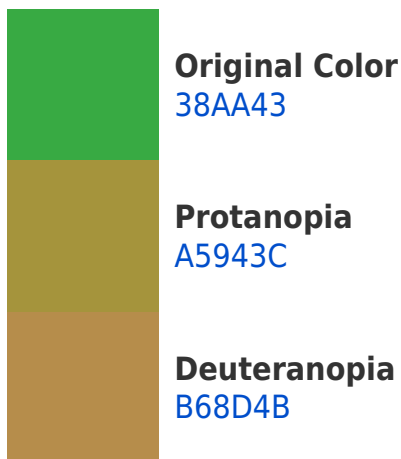


This preview shows how white text looks on a background with the Hex color 38AA43.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38AA43 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 #38AA43 looks like.

```
.text, #text, p{  
    color:#38AA43  
}
```

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 #38AA43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38AA43  
}
```

Border

The CSS property to change the border of an element to Hex 38AA43 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  
#38AA43 }
```

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

```
.border{ border-color:#38AA43 }
```

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

Here you see how a box with a 4 pixel #38AA43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38AA43; -webkit-box-shadow:4px 4px  
4px 4px #38AA43; box-shadow:4px 4px 4px  
4px #38AA43 }
```

Background

The CSS property to change the background color of an element to Hex 38AA43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38AA43 }
```

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

```
.background{ background-color:#38AA43 }
```

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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