

Converting Colors

Hex(38A278)

Have a look what the booklet for
Hex(38A278) contains.

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Color

Hex(38A278)

Conversions

Conversions Part 1

Format	Color
Hex	38A278
RGB	56, 162, 120
RGB Percent	22%, 64%, 47%
CMY	0.7804, 0.3647, 0.5294
CMYK	0.65, 0.00, 0.26, 0.36
HSL	156°, 49%, 43%
HSV	156°, 65%, 64%
XYZ	17.9414, 28.0375, 22.2355
YIQ	125.5180, -49.6940, -35.5340

Conversions

Conversions Part 2

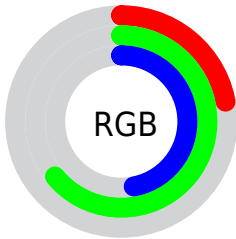
Format	Color
RYB	56, 122, 162
Decimal	3711608
CIELab	59.92, -40.43, 13.12
CIELCh	60, 42.509, 162.017
Yxy	28.0375, 0.2630, 0.4110
Android (android.graphics.Color)	4281901688 (0xFF38A278)
YUV	125.5180, -2.7204, -60.9673
Hunter-Lab	52.9504, -32.1815, 12.1677

Details

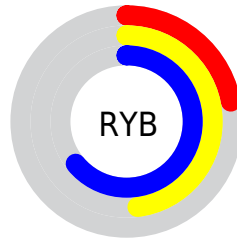
The Hex color **38A278** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A23862**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **73DAAC**, and **006D47** is the 20% darker color. If you saturate the color by 10%, you get **28A272**, and if you desaturate by 10%, it is **48A27E**.

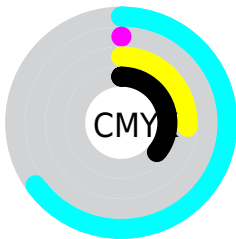
Distribution



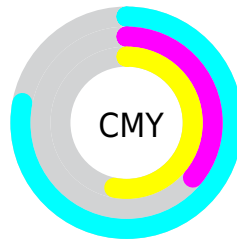
- Red (22%)
- Green (64%)
- Blue (47%)



- Red (22%)
- Yellow (48%)
- Blue (64%)



- Cyan (65%)
- Magenta (0%)
- Yellow (26%)
- Black (36%)



- Cyan (78%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Hex color 38A278 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 38A278 by changing the saturation by 10% instead.

 38A278

 38A278

FFFFFF

 11875F

 73DAAC

 006D47

 8FF6C8

 005431

 ACFFE4

 003C1C

 C9FFFF

 002702

 E6FFFF

 000000

 38A278

 38A278

 28A272

 48A27E

 18A26B

 58A285

07A265

69A28B

00A262

79A292

89A298

99A29F

A9A2A5

BAA2AB

CAA2B2

Harmonies

Analogous

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



6F9D57



38A278



00A49F

Triad

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



38A278



6E8FD9



D17960

Complementary

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



38A278



A23862

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.



D77183



38A278



A781C8

Square

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



38A278



009BD7



CA75A8



BA8649

Rectangle

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



38A278



00A3B7



CA75A8



D5766B

Sweetspot

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



38A278



A9D4C3



62A238



516B61



EBEBEB



6B6B6B

Same Dimension

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



38A278



2CD491



3897A2



49524E



009158



00120B

Inverse Universe

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



A23862



D42C6F



A24338



52494D



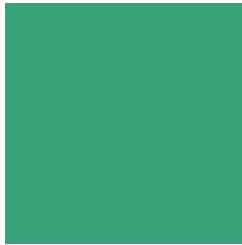
91003A



120007

Previews

White Background



This preview shows how the Hex color 38A278 looks on a white background.

Color Contrast Check

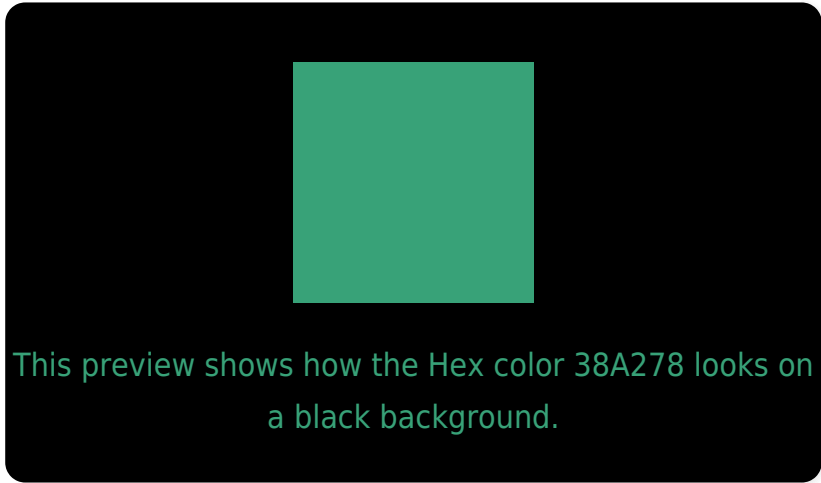
Large Text (above 18pt) WCAG AA ✓ Pass

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

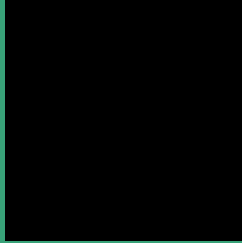
Any Text WCAG AA ✓ Pass

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 38A278 Background



This preview shows how black text looks on a background with the Hex color 38A278.

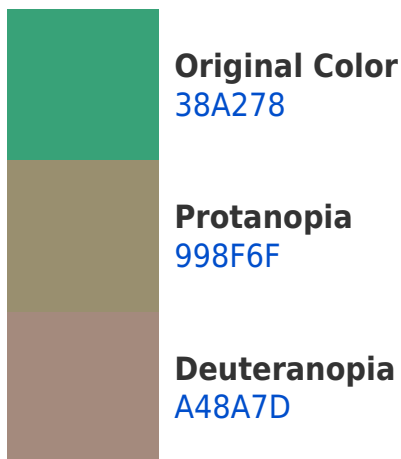


This preview shows how white text looks on a background with the Hex color 38A278.

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
4A9CA8

Trichromacy



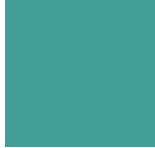
Original Color
38A278



Protanomaly
769672



Deuteranomaly
7D937B



Tritanomaly
439E97

Monochromacy



Original Color
38A278



Achromatopsia
7E7E7E



Achromatomaly
658B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 38A278 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 #38A278 looks like.

```
.text, #text, p{  
    color:#38A278  
}
```

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 #38A278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A278  
}
```

Border

The CSS property to change the border of an element to Hex 38A278 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  
#38A278 }
```

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

```
.border{ border-color:#38A278 }
```

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

Here you see how a box with a 4 pixel #38A278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A278; -webkit-box-shadow:4px 4px  
4px 4px #38A278; box-shadow:4px 4px 4px  
4px #38A278 }
```

Background

The CSS property to change the background color of an element to Hex 38A278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A278 }
```

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

```
.background{ background-color:#38A278 }
```

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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