

Converting Colors

Hex(38D188)

Have a look what the booklet for
Hex(38D188) contains.

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Color

Hex(38D188)

Conversions

Conversions Part 1

Format	Color
Hex	38D188
RGB	56, 209, 136
RGB Percent	22%, 82%, 53%
CMY	0.7804, 0.1804, 0.4667
CMYK	0.73, 0.00, 0.35, 0.18
HSL	151°, 62%, 52%
HSV	151°, 73%, 82%
XYZ	28.8753, 48.2193, 31.0779
YIQ	154.9310, -67.7550, -55.1390

Conversions

Conversions Part 2

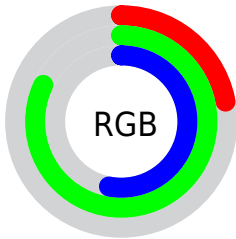
Format	Color
RYB	56, 156, 209
Decimal	3723656
CIELab	74.96, -55.96, 25.15
CIELCh	75, 61.350, 155.798
Yxy	48.2193, 0.2669, 0.4458
Android (android.graphics.Color)	4281913736 (0xFF38D188)
YUV	154.9310, -9.3330, -86.7625
Hunter-Lab	69.4401, -47.2945, 22.0728

Details

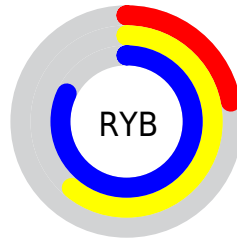
The Hex color **38D188** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **D13881**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7BFFBE**, and **009956** is the 20% darker color. If you saturate the color by 10%, you get **23D17E**, and if you desaturate by 10%, it is **4DD192**.

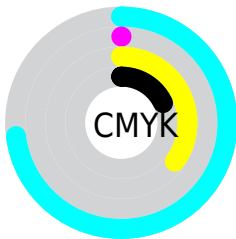
Distribution



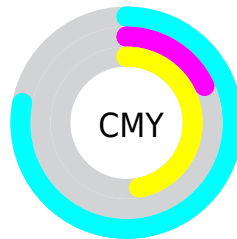
- Red (22%)
- Green (82%)
- Blue (53%)



- Red (22%)
- Yellow (61%)
- Blue (82%)



- Cyan (73%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (78%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38D188 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 38D188 by changing the saturation by 10% instead.

 38D188

 38D188

FFFFFF

 00B56E

 7BFFBE

 009956

 9AFFDA

 007E3E

 B8FFF6

 006427

 D6FFFF

 004B10

 F5FFFF

 003300

 001A00

 000000

 38D188

 38D188

■ 23D17E

■ 4DD192

■ 0ED174

■ 62D19C

■ 00D16D

■ 77D1A6

■ 8CD1B0

■ A1D1BA

■ B5D1C4

■ CAD1CE

■ DFD1D8

■ F4D1E2

Harmonies

Analogous

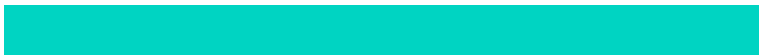
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92C858



38D188



00D4C2

Triad

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



38D188



5FBBFF



FF9079

Complementary

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



38D188



D13881

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.



FF86B0



38D188



CAA5FF

Square

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



38D188



00CBFF



FF8FE8



FDA550

Rectangle

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



38D188



00D4E8



FF8FE8



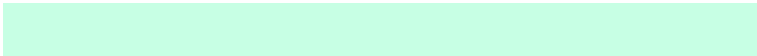
FF8B8B

Sweetspot

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



38D188



C7FFE4



82D138



5E8070



000000



808080

Same Dimension

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



38D188



1FFF94



38CED1



5E6964



00A858



002915

Inverse Universe

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



D13881



FF1F8A



D13B38



695E63



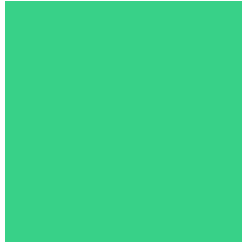
A80050



290013

Previews

White Background



This preview shows how the Hex color 38D188 looks on a white background.

Color Contrast Check

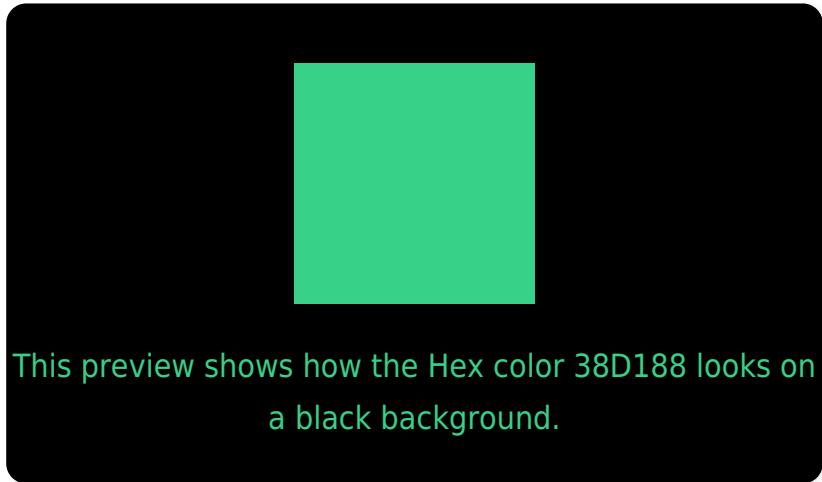
Large Text (above 18pt) WCAG AA × Fail

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

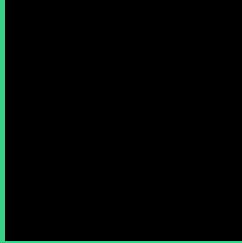
Any Text WCAG AA ✓ Pass

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 38D188 Background



This preview shows how black text looks on a background with the Hex color 38D188.

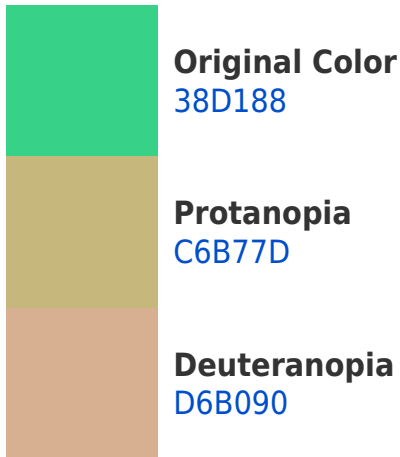


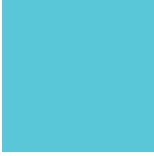
This preview shows how white text looks on a background with the Hex color 38D188.

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
59C7D7

Trichromacy



Original Color
38D188



Protanomaly
92C081



Deuteranomaly
9DBC8D



Tritanomaly
4DCBBA

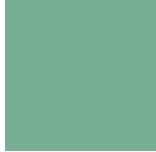
Monochromacy



Original Color
38D188



Achromatopsia
9B9B9B



Achromatomaly
77AF94

CSS Examples

Text

The CSS property to change the color of the text to Hex 38D188 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 #38D188 looks like.

```
.text, #text, p{  
    color:#38D188  
}
```

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 #38D188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D188
}
```

Border

The CSS property to change the border of an element to Hex 38D188 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
#38D188 }
```

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

```
.border{ border-color:#38D188 }
```

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

Here you see how a box with a 4 pixel #38D188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D188; -webkit-box-shadow:4px 4px  
4px 4px #38D188; box-shadow:4px 4px 4px  
4px #38D188 }
```

Background

The CSS property to change the background color of an element to Hex 38D188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D188 }
```

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

```
.background{ background-color:#38D188 }
```

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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