

Converting Colors

Hex(3DC188)

Have a look what the booklet for
Hex(3DC188) contains.

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Color

Hex(3DC188)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3DC188 |
| RGB | 61, 193, 136 |
| RGB Percent | 24%, 76%, 53% |
| CMY | 0.7608, 0.2431, 0.4667 |
| CMYK | 0.68, 0.00, 0.30, 0.24 |
| HSL | 154°, 52%, 50% |
| HSV | 154°, 68%, 76% |
| XYZ | 25.4384, 40.9096, 29.8482 |
| YIQ | 147.0340, -60.3750, -45.7110 |

Conversions

Conversions Part 2

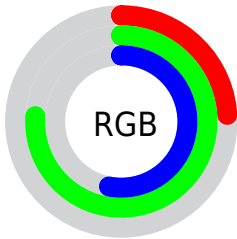
| Format | Color |
|-------------------------------------|---|
| RYB | 61, 145, 193 |
| Decimal | 4047240 |
| CIELab | 70.11, -48.95, 18.55 |
| CIELCh | 70, 52.350, 159.249 |
| Yxy | 40.9096, 0.2644, 0.4253 |
| Android (android.graphics.Color) | 4282237320 (0xFF3DC188) |
| YUV | 147.0340, -5.4398, -75.4518 |
| Hunter-Lab | 63.9606, -40.9382, 17.1039 |

Details

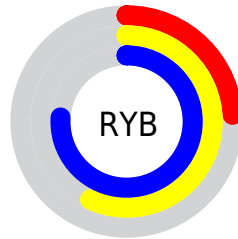
The Hex color **3DC188** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C13D76**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7CFABE**, and **008A56** is the 20% darker color. If you saturate the color by 10%, you get **2AC180**, and if you desaturate by 10%, it is **50C190**.

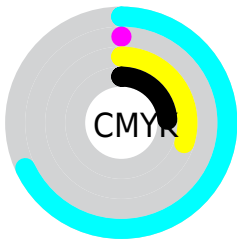
Distribution



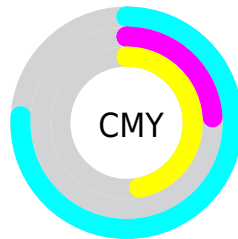
- Red (24%)
- Green (76%)
- Blue (53%)



- Red (24%)
- Yellow (57%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DC188 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 3DC188 by changing the saturation by 10% instead.

 3DC188

 3DC188

FFFFFF

 0EA56E

 7CFABE

 008A56

 99FFD9

 00703E

 B7FFF6

 005728

 D5FFFF

 003E13

 F3FFFF

 002800

 000100

 000000

 3DC188

 3DC188

 2AC180

 50C190

 16C177

 64C199

 03C16F

 77C1A1

 00C16E

 8AC1A9

 9EC1B2

 B1C1BA

 C4C1C2

 D7C1CB

 EBC1D3

Harmonies

Analogous

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



86BA5F



3DC188



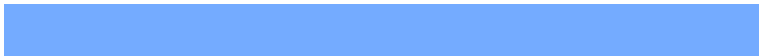
00C4B9

Triad

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



3DC188



74ABFF



FD8C72

Complementary

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



3DC188



C13D76

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.



FF839E



3DC188



C299F5

Square

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



3DC188



00B9FF



F188CE



E29D52

Rectangle

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



3DC188



00C3D8



F188CE



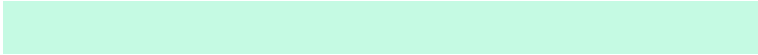
FF8780

Sweetspot

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



3DC188



C5FAE3



76C13D



5E7D6F



FCFCFC



7D7D7D

Same Dimension

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



3DC188



2DFAA1



3DB8C1



57615D



00A15B



002113

Inverse Universe

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



C13D76



FA2D85



C1463D



61575B



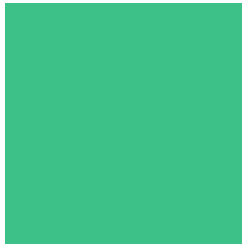
A10045



21000E

Previews

White Background



This preview shows how the Hex color 3DC188 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



This preview shows how the Hex color 3DC188 looks on a 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 3DC188 Background



This preview shows how black text looks on a background with the Hex color 3DC188.

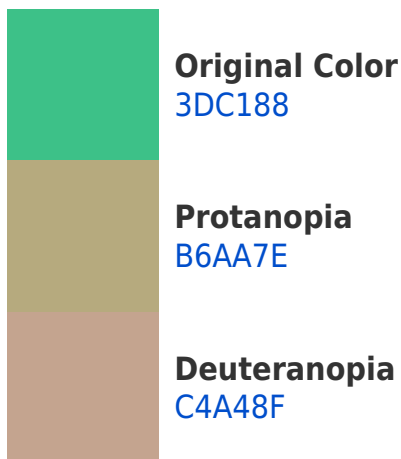


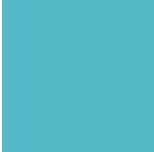
This preview shows how white text looks on a background with the Hex color 3DC188.

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
56B9C8

Trichromacy



Original Color
3DC188



Protanomaly
8AB282



Deuteranomaly
93AF8C



Tritanomaly
4DBC B1

Monochromacy



Original Color
3DC188



Achromatopsia
939393



Achromatomaly
74A48F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DC188 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 #3DC188 looks like.

```
.text, #text, p{  
    color:#3DC188  
}
```

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 #3DC188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC188
}
```

Border

The CSS property to change the border of an element to Hex 3DC188 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
#3DC188 }
```

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

```
.border{ border-color:#3DC188 }
```

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

Here you see how a box with a 4 pixel #3DC188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC188; -webkit-box-shadow:4px 4px  
4px 4px #3DC188; box-shadow:4px 4px 4px  
4px #3DC188 }
```

Background

The CSS property to change the background color of an element to Hex 3DC188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC188 }
```

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

```
.background{ background-color:#3DC188 }
```

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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