

Converting Colors

Hex(3DB168)

Have a look what the booklet for
Hex(3DB168) contains.

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Color

Hex(3DB168)

Conversions

Conversions Part 1

Format	Color
Hex	3DB168
RGB	61, 177, 104
RGB Percent	24%, 69%, 41%
CMY	0.7608, 0.3059, 0.5922
CMYK	0.66, 0.00, 0.41, 0.31
HSL	142°, 49%, 47%
HSV	142°, 66%, 69%
XYZ	20.1453, 33.4359, 18.4887
YIQ	133.9940, -45.7030, -47.2950

Conversions

Conversions Part 2

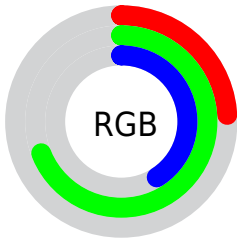
Format	Color
RYB	61, 146, 177
Decimal	4043112
CIELab	64.51, -48.92, 28.06
CIElCh	65, 56.400, 150.160
Yxy	33.4359, 0.2795, 0.4639
Android (android.graphics.Color)	4282233192 (0xFF3DB168)
YUV	133.9940, -14.7870, -64.0157
Hunter-Lab	57.8237, -39.0037, 21.5191




Details

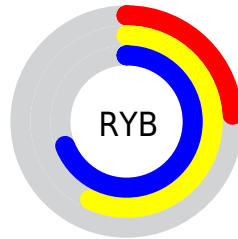
The Hex color **3DB168** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B13D86**, and the grayscale version is **868686**.




A 20% lighter version of the original color is **79EA9C**, and **007B38** is the 20% darker color. If you saturate the color by 10%, you get **2BB15D**, and if you desaturate by 10%, it is **4FB173**.

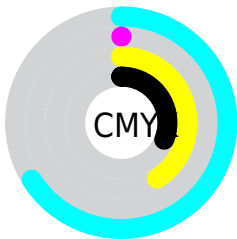
Distribution







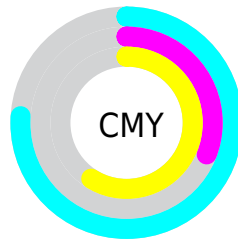
-  Red (24%)
-  Green (69%)
-  Blue (41%)






-  Red (24%)
-  Yellow (57%)
-  Blue (69%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (31%)



-  Cyan (76%)
-  Magenta (31%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB168 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 3DB168 by changing the saturation by 10% instead.

 3DB168

 3DB168

FFFFFF

 16964F

 79EA9C

 007B38

 96FFB7

 006120

 B3FFD3


 004809

 D0FFE7

 003100

 EEEFFF

 001800

 000000

 3DB168

 3DB168

 2BB15D

 4FB173

 1AB152

 60B17E

 08B147

 72B189

 00B142

 84B195

 96B1A0

 A7B1AB

 B9B1B6

 CBB1C1

 DCB1CC

Harmonies

Analogous

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



85A840



3DB168



00B59B

Triad

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



3DB168



1DA2FF



F6756D

Complementary

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



3DB168



B13D86

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.



F66F9E



3DB168



9E8FF4

Square

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



3DB168



00AEF3



DA7ACF



DF8744

Rectangle

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



3DB168



00B5BE



DA7ACF



F9717D

Sweetspot

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



3DB168



B8E6C9



86B13D



577361



F2F2F2



737373

Same Dimension

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



3DB168



30E673



3DB1A2



505954



009939



001A09

Inverse Universe

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



B13D86



E630A2



B13D4C



595056



990060



1A0010

Previews

White Background



This preview shows how the Hex color 3DB168 looks on a white background.

Color Contrast Check

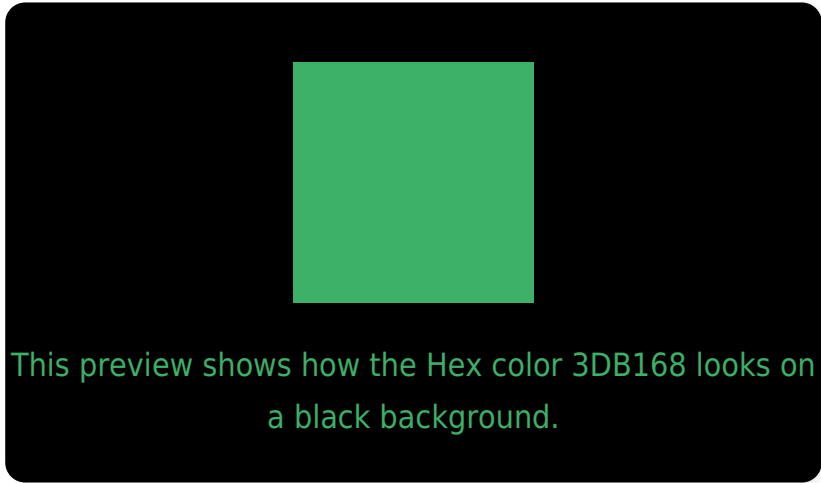
Large Text (above 18pt) WCAG AA × Fail

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 3DB168 Background



This preview shows how black text looks on a background with the Hex color 3DB168.

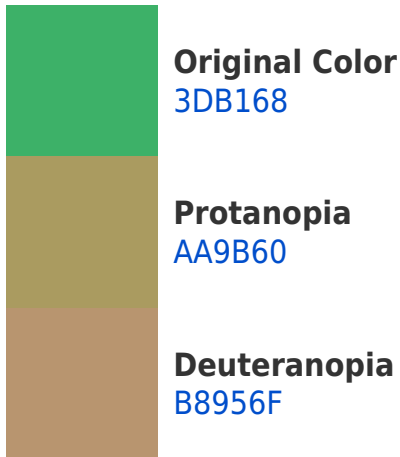


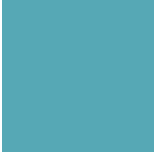
This preview shows how white text looks on a background with the Hex color 3DB168.

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
56A8B5

Trichromacy



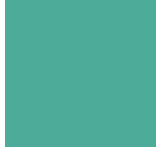
Original Color
3DB168



Protanomaly
82A363



Deuteranomaly
8B9F6C



Tritanomaly
4DAB99

Monochromacy



Original Color
3DB168



Achromatopsia
868686



Achromatomaly
6B967B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB168 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 #3DB168 looks like.

```
.text, #text, p{  
    color:#3DB168  
}
```

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 #3DB168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB168
}
```

Border

The CSS property to change the border of an element to Hex 3DB168 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
#3DB168 }
```

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

```
.border{ border-color:#3DB168 }
```

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

Here you see how a box with a 4 pixel #3DB168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB168; -webkit-box-shadow:4px 4px  
4px 4px #3DB168; box-shadow:4px 4px 4px  
4px #3DB168 }
```

Background

The CSS property to change the background color of an element to Hex 3DB168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB168 }
```

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

```
.background{ background-color:#3DB168 }
```

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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