

Converting Colors

Hex(3DB162)

Have a look what the booklet for
Hex(3DB162) contains.

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Color

Hex(3DB162)

Conversions

Conversions Part 1

Format	Color
Hex	3DB162
RGB	61, 177, 98
RGB Percent	24%, 69%, 38%
CMY	0.7608, 0.3059, 0.6157
CMYK	0.66, 0.00, 0.45, 0.31
HSL	139°, 49%, 47%
HSV	139°, 66%, 69%
XYZ	19.8512, 33.3182, 16.9401
YIQ	133.3100, -43.7770, -49.1610

Conversions

Conversions Part 2

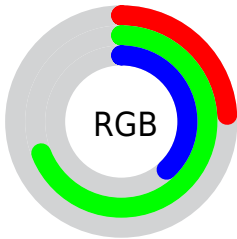
Format	Color
RYB	61, 149, 177
Decimal	4043106
CIELab	64.42, -49.97, 31.08
CIELCh	64, 58.851, 148.118
Yxy	33.3182, 0.2831, 0.4752
Android (android.graphics.Color)	4282233186 (0xFF3DB162)
YUV	133.3100, -17.4078, -63.4159
Hunter-Lab	57.7219, -39.6253, 23.0051




Details

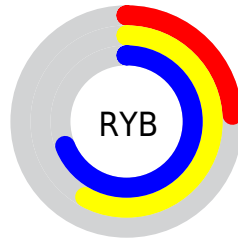
The Hex color **3DB162** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B13D8C**, and the grayscale version is **868686**.




A 20% lighter version of the original color is **79EA96**, and **007B31** is the 20% darker color. If you saturate the color by 10%, you get **2BB156**, and if you desaturate by 10%, it is **4FB16E**.

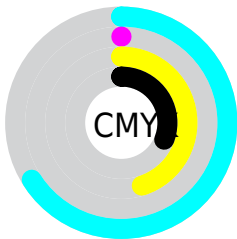
Distribution







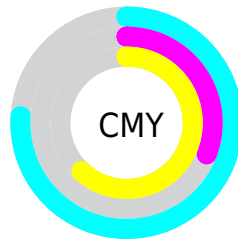
-  Red (24%)
-  Green (69%)
-  Blue (38%)






-  Red (24%)
-  Yellow (58%)
-  Blue (69%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (31%)



-  Cyan (76%)
-  Magenta (31%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DB162 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 3DB162 by changing the saturation by 10% instead.

 3DB162

 3DB162

FFFFFF

 169649

 79EA96

 007B31

 96FFB1

 00611A

 B3FFCC

 004801

 D0FFE9

 003100

 EEEFFF

 001800

 000000

 3DB162

 3DB162

 2BB156

 4FB16E

■ 1AB14A

■ 60B17A

■ 08B13E

■ 72B186

■ 00B138

■ 84B192

■ 96B19E

■ A7B1AA

■ B9B1B6

■ CBB1C2

■ DCB1CE

Harmonies

Analogous

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



87A838



3DB162



00B597

Triad

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



3DB162



00A3FF



FA716E

Complementary

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



3DB162



B13D8C

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.



F86CA2



3DB162



9790F9

Square

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



3DB162



00B0F5



D97AD5



E38442

Rectangle

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



3DB162



00B6BB



D97AD5



FC6D7F

Sweetspot

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



3DB162



B8E6C6



8CB13D



577360



F2F2F2



737373

Same Dimension

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



3DB162



30E66A



3DB19C



505953



009931



001A08

Inverse Universe

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



B13D8C



E630AC



B13D52



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color 3DB162 looks on a white background.

Color Contrast Check

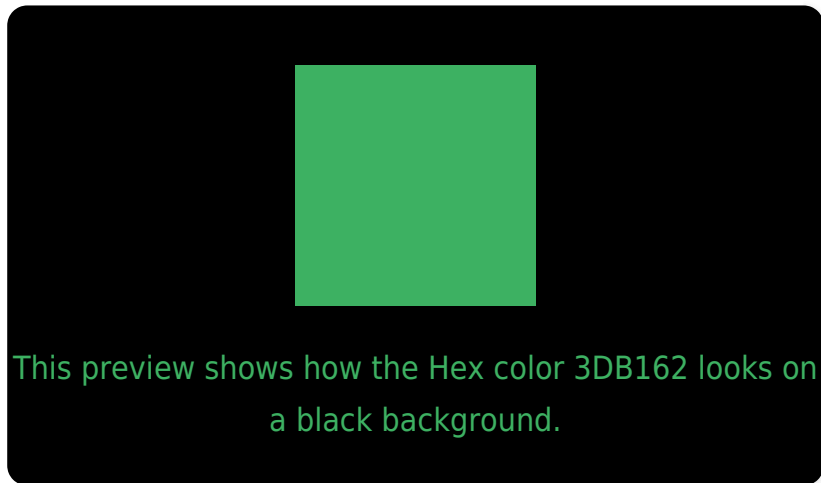
Large Text (above 18pt) WCAG AA × Fail

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

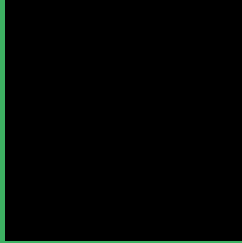
Any Text WCAG AA ✓ Pass

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 3DB162 Background



This preview shows how black text looks on a background with the Hex color 3DB162.



This preview shows how white text looks on a background with the Hex color 3DB162.

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



Original Color
3DB162

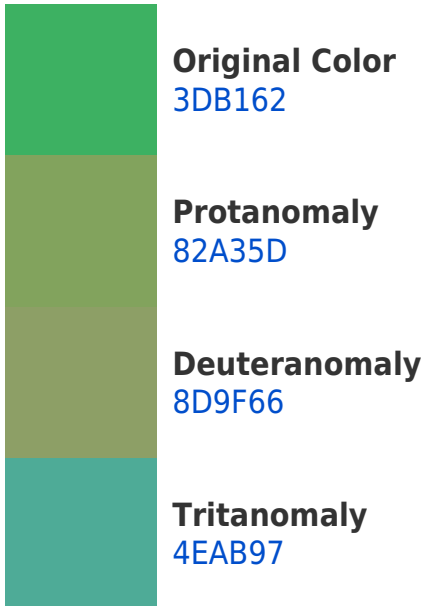
Protanopia
AA9B5A

Deuteranopia
BA9469



Tritanopia
57A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DB162 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 #3DB162 looks like.

```
.text, #text, p{  
    color:#3DB162  
}
```

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 #3DB162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DB162
}
```

Border

The CSS property to change the border of an element to Hex 3DB162 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
#3DB162 }
```

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

```
.border{ border-color:#3DB162 }
```

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

Here you see how a box with a 4 pixel #3DB162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DB162; -webkit-box-shadow:4px 4px  
4px 4px #3DB162; box-shadow:4px 4px 4px  
4px #3DB162 }
```

Background

The CSS property to change the background color of an element to Hex 3DB162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DB162 }
```

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

```
.background{ background-color:#3DB162 }
```

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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