

# Converting Colors

Hex(3BD361)

Have a look what the booklet for  
Hex(3BD361) contains.

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**Color**

**Hex(3BD361)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BD361
RGB	59, 211, 97
RGB Percent	23%, 83%, 38%
CMY	0.7686, 0.1725, 0.6196
CMYK	0.72, 0.00, 0.54, 0.17
HSL	135°, 63%, 53%
HSV	135°, 72%, 83%
XYZ	27.2556, 48.3814, 19.2113
YIQ	152.5560, -53.9980, -67.6780

# Conversions

## Conversions Part 2

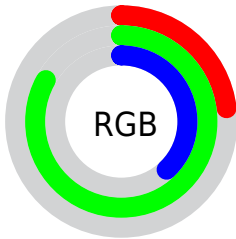
Format	Color
<a href="#">RYB</a>	<a href="#">59, 181, 211</a>
Decimal	<a href="#">3920737</a>
CIELab	<a href="#">75.06, -62.80, 44.83</a>
CIElCh	<a href="#">75, 77.164, 144.478</a>
Yxy	<a href="#">48.3814, 0.2874, 0.5101</a>
Android (android.graphics.Color)	<a href="#">4282110817 (0xFF3BD361)</a>
YUV	<a href="#">152.5560, -27.3891, -82.0486</a>
Hunter-Lab	<a href="#">69.5567, -51.7797, 32.3141</a>

# Details

The Hex color **3BD361** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **D33BAD**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7EFF96**, and **009B2D** is the 20% darker color. If you saturate the color by 10%, you get **26D351**, and if you desaturate by 10%, it is **50D371**.

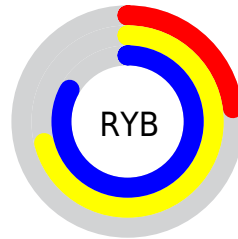
# Distribution



Red (23%)

Green (83%)

Blue (38%)



Red (23%)

Yellow (71%)

Blue (83%)

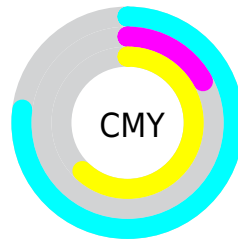


Cyan (72%)

Magenta (0%)

Yellow (54%)

Black (17%)



Cyan (77%)

Magenta (17%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BD361 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 3BD361 by changing the saturation by 10% instead.





3BD361



3BD361

FFFFFF



00B747



7EFF96



009B2D



9DFFB2



008011



BBFFCE



006600



DAFFEA



004C00



F8FFFF



003500



001A00



000000




3BD361



3BD361

 26D351

 50D371

 11D341

 65D381

 00D335

 7AD390

 8FD3A0

 A5D3B0

 BAD3C0

 CFD3D0

 E4D3E0

 F9D3EF

# Harmonies

## Analogous

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



A3C621



3BD361



00D9A9

# Triad

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



3BD361



00C5FF



FF7882

# Complementary

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



3BD361



D33BAD

# 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.



FF73C9



3BD361



9FACFF

# Square

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



3BD361



00D4FF



FF8BFF



FF9444

# Rectangle

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



3BD361



00DADA



FF8BFF



FF7399

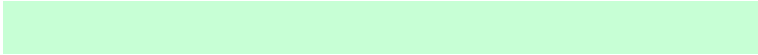


# Sweetspot

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



3BD361



C7FFD5



ADD33B



5E8067



000000



808080



# Same Dimension

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



3BD361



24FF5B



3BD3AD



5E6961



00A82A



00290A



# Inverse Universe

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



D33BAD



FF24C8



D33B61



695E66



A8007E

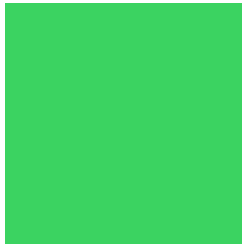


29001F



# Previews

## White Background



This preview shows how the Hex color 3BD361 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 3BD361 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

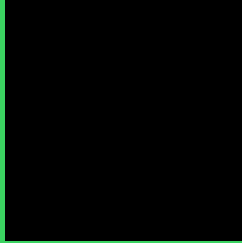
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3BD361 Background



This preview shows how black text looks on a background with the Hex color 3BD361.

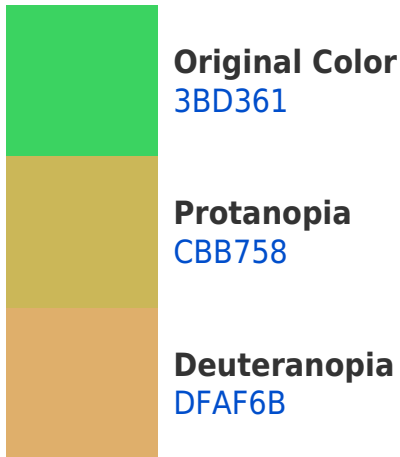


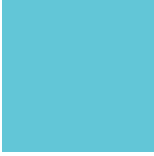
This preview shows how white text looks on a background with the Hex color 3BD361.

# 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**  
62C6D7

# Trichromacy



**Original Color**  
3BD361



**Protanomaly**  
97C15B



**Deuteranomaly**  
A3BC67



**Tritanomaly**  
54CBAC

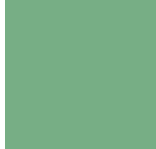
# Monochromacy



**Original Color**  
3BD361



**Achromatopsia**  
999999



**Achromatomaly**  
77AE85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BD361 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 #3BD361 looks like.

```
.text, #text, p{  
    color:#3BD361  
}
```

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 #3BD361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BD361
}
```

## Border

The CSS property to change the border of an element to Hex 3BD361 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
#3BD361 }
```

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

```
.border{ border-color:#3BD361 }
```

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

Here you see how a box with a 4 pixel #3BD361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BD361; -webkit-box-shadow:4px 4px  
4px 4px #3BD361; box-shadow:4px 4px 4px  
4px #3BD361 }
```

# Background

The CSS property to change the background color of an element to Hex 3BD361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BD361 }
```

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

```
.background{ background-color:#3BD361 }
```

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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