

Converting Colors

Hex(3DCB71)

Have a look what the booklet for
Hex(3DCB71) contains.

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Color

Hex(3DCB71)

Conversions

Conversions Part 1

Format	Color
Hex	3DCB71
RGB	61, 203, 113
RGB Percent	24%, 80%, 44%
CMY	0.7608, 0.2039, 0.5569
CMYK	0.70, 0.00, 0.44, 0.20
HSL	142°, 58%, 52%
HSV	142°, 70%, 80%
XYZ	26.2610, 44.8962, 22.9045
YIQ	150.2820, -55.7420, -58.0940

Conversions

Conversions Part 2

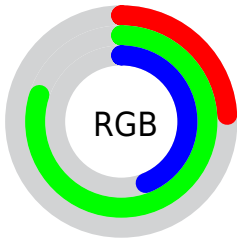
Format	Color
RYB	61, 165, 203
Decimal	4049777
CIELab	72.82, -57.20, 34.20
CIELCh	73, 66.645, 149.127
Yxy	44.8962, 0.2792, 0.4773
Android (android.graphics.Color)	4282239857 (0xFF3DCB71)
YUV	150.2820, -18.3800, -78.3003
Hunter-Lab	67.0046, -47.2989, 26.6359

Details

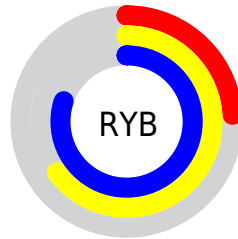
The Hex color **3DCB71** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CB3D97**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7EFAA6**, and **00943F** is the 20% darker color. If you saturate the color by 10%, you get **29CB64**, and if you desaturate by 10%, it is **51CB7E**.

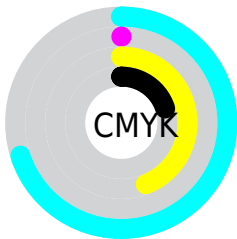
Distribution



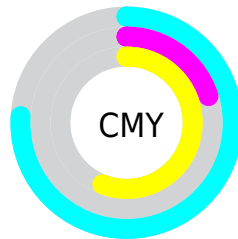
- Red (24%)
- Green (80%)
- Blue (44%)



- Red (24%)
- Yellow (65%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (44%)
- Black (20%)



- Cyan (76%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DCB71 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 3DCB71 by changing the saturation by 10% instead.

 3DCB71

 3DCB71

FFFFFF

 07AF58

 7EFFA6

 00943F

 9CFFC1

 007927

 BAFFDE

 005F0E

 D8FFFA

 004600

 F6FFFF

 002F00

 001200

 000000

 3DCB71

 3DCB71

 29CB64

 51CB7E

 14CB57

 66CB8B

 00CB4A

 7ACB98

 8ECBA4

 A3CBB1

 B7CBBE

 CBCBCB

 DFCBD8

 F4CBE5

Harmonies

Analogous

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



98C03F



3DCB71



00D0AF

Triad

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



3DCB71



00BAFF



FF817B

Complementary

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



3DCB71



CB3D97

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.



FF7AB7



3DCB71



B0A3FF

Square

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



3DCB71



00C9FF



FB89F2



FF9849

Rectangle

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



3DCB71



00D0D9



FB89F2



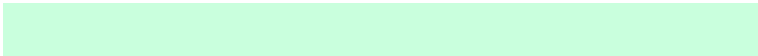
FF7C8E

Sweetspot

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



3DCB71



C9FFDD



99CB3D



60806B



000000



808080

Same Dimension

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



3DCB71



29FF77



3DCBB6



5C6660



00A63D



00260E

Inverse Universe

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



CB3D97



FF29B1



CB3D52



665C62



A60069



260018

Previews

White Background



This preview shows how the Hex color 3DCB71 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 3DCB71 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

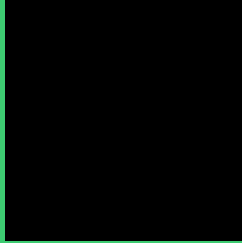
Any Text WCAG AA ✓ Pass

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 3DCB71 Background



This preview shows how black text looks on a background with the Hex color 3DCB71.

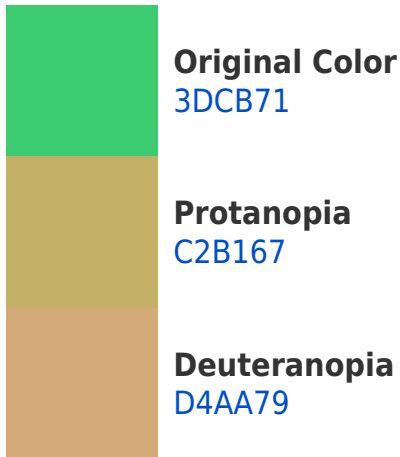


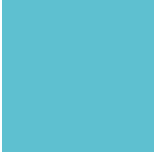
This preview shows how white text looks on a background with the Hex color 3DCB71.

Color Blindness Simulation

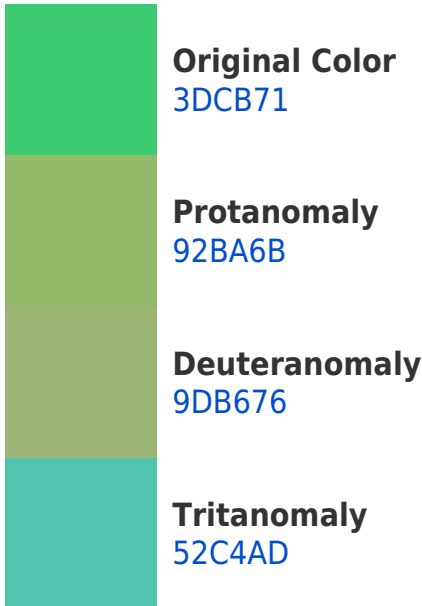
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DCB71 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 #3DCB71 looks like.

```
.text, #text, p{  
    color:#3DCB71  
}
```

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 #3DCB71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCB71
}
```

Border

The CSS property to change the border of an element to Hex 3DCB71 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
#3DCB71 }
```

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

```
.border{ border-color:#3DCB71 }
```

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

Here you see how a box with a 4 pixel #3DCB71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCB71; -webkit-box-shadow:4px 4px  
4px 4px #3DCB71; box-shadow:4px 4px 4px  
4px #3DCB71 }
```

Background

The CSS property to change the background color of an element to Hex 3DCB71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCB71 }
```

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

```
.background{ background-color:#3DCB71 }
```

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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