

Converting Colors

Hex(3BCB75)

Have a look what the booklet for
Hex(3BCB75) contains.

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Color

Hex(3BCB75)

Conversions

Conversions Part 1

Format	Color
Hex	3BCB75
RGB	59, 203, 117
RGB Percent	23%, 80%, 46%
CMY	0.7686, 0.2039, 0.5412
CMYK	0.71, 0.00, 0.42, 0.20
HSL	144°, 58%, 51%
HSV	144°, 71%, 80%
XYZ	26.3705, 44.9260, 24.1113
YIQ	150.1400, -58.2180, -57.2740

Conversions

Conversions Part 2

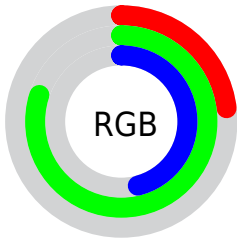
Format	Color
RYB	59, 162, 203
Decimal	3918709
CIELab	72.84, -56.84, 32.18
CIELCh	73, 65.312, 150.483
Yxy	44.9260, 0.2764, 0.4709
Android (android.graphics.Color)	4282108789 (0xFF3BCB75)
YUV	150.1400, -16.3380, -79.9298
Hunter-Lab	67.0269, -47.0696, 25.5906

Details

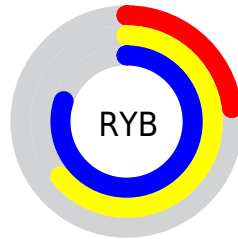
The Hex color **3BCB75** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CB3B91**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7CFFAA**, and **009443** is the 20% darker color. If you saturate the color by 10%, you get **27CB69**, and if you desaturate by 10%, it is **4FCB81**.

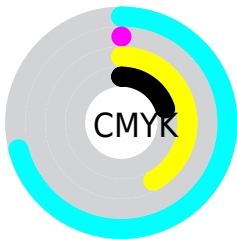
Distribution



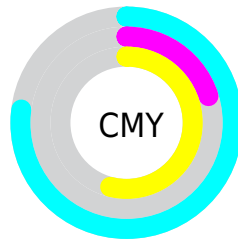
- Red (23%)
- Green (80%)
- Blue (46%)



- Red (23%)
- Yellow (64%)
- Blue (80%)



- Cyan (71%)
- Magenta (0%)
- Yellow (42%)
- Black (20%)



- Cyan (77%)
- Magenta (20%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BCB75 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 3BCB75 by changing the saturation by 10% instead.

 3BCB75

 3BCB75

FFFFFF

 00AF5C

 7CFFAA

 009443

 9AFFC6

 00792B

 B8FFE2

 005F13

 D6FFFF

 004600

 F5FFFF

 002F00

 001200

 000000

 3BCB75

 3BCB75

 27CB69

 4FCB81

 12CB5D

 64CB8D

 00CB52

 78CB99

 8CCBA5

 A1CBB2

 B5CBBE

 C9CBCA

 DDCBD6

 F2CBE2

Harmonies

Analogous

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



95C144



3BCB75



00CFB2

Triad

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



3BCB75



00B9FF



FF837A

Complementary

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



3BCB75



CB3B91

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.



FF7BB4



3BCB75



B5A3FF

Square

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



3BCB75



00C8FF



FC89EF



FF9949

Rectangle

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



3BCB75



00D0DB



FC89EF



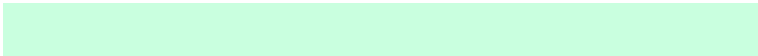
FF7E8C

Sweetspot

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



3BCB75



C9FFDF



91CB3B



60806C



000000



808080

Same Dimension

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



3BCB75



26FF7E



3BCBBD



5C6660



00A643



00260F

Inverse Universe

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



CB3B91



FF26A8



CB3B49



665C62



A60063



260017

Previews

White Background



This preview shows how the Hex color 3BCB75 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 3BCB75 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

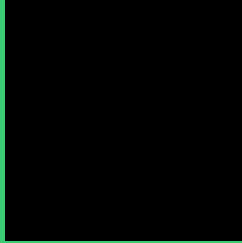
Any Text WCAG AA ✓ Pass

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 3BCB75 Background



This preview shows how black text looks on a background with the Hex color 3BCB75.

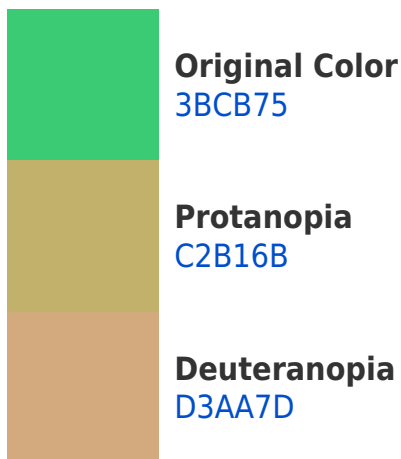


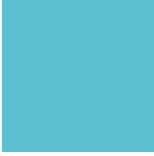
This preview shows how white text looks on a background with the Hex color 3BCB75.

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
5CC0D0

Trichromacy



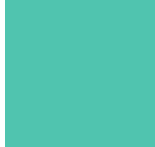
Original Color
3BCB75



Protanomaly
91BA6F



Deuteranomaly
9CB67A



Tritanomaly
50C4AF

Monochromacy



Original Color
3BCB75



Achromatopsia
969696



Achromatomaly
75A98A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BCB75 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 #3BCB75 looks like.

```
.text, #text, p{  
    color:#3BCB75  
}
```

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 #3BCB75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BCB75
}
```

Border

The CSS property to change the border of an element to Hex 3BCB75 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
#3BCB75 }
```

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

```
.border{ border-color:#3BCB75 }
```

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

Here you see how a box with a 4 pixel #3BCB75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BCB75; -webkit-box-shadow:4px 4px  
4px 4px #3BCB75; box-shadow:4px 4px 4px  
4px #3BCB75 }
```

Background

The CSS property to change the background color of an element to Hex 3BCB75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BCB75 }
```

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

```
.background{ background-color:#3BCB75 }
```

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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