

Converting Colors

Hex(35B772)

Have a look what the booklet for
Hex(35B772) contains.

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Color

Hex(35B772)

Conversions

Conversions Part 1

Format	Color
Hex	35B772
RGB	53, 183, 114
RGB Percent	21%, 72%, 45%
CMY	0.7922, 0.2824, 0.5529
CMYK	0.71, 0.00, 0.38, 0.28
HSL	148°, 55%, 46%
HSV	148°, 71%, 72%
XYZ	21.4389, 35.8388, 21.7072
YIQ	136.2640, -55.3310, -49.0190

Conversions

Conversions Part 2

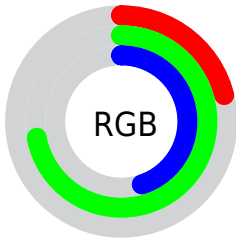
Format	Color
RYB	53, 141, 183
Decimal	3520370
CIELab	66.40, -50.79, 25.23
CIELCh	66, 56.714, 153.589
Yxy	35.8388, 0.2714, 0.4537
Android (android.graphics.Color)	4281710450 (0xFF35B772)
YUV	136.2640, -10.9762, -73.0225
Hunter-Lab	59.8655, -40.8404, 20.4073

Details

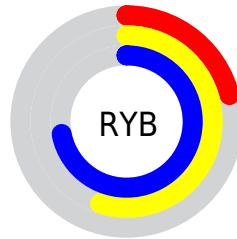
The Hex color **35B772** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B7357A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **74F0A6**, and **008141** is the 20% darker color. If you saturate the color by 10%, you get **23B768**, and if you desaturate by 10%, it is **47B77C**.

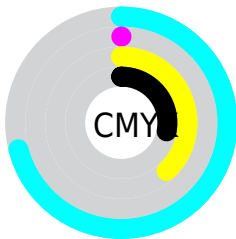
Distribution



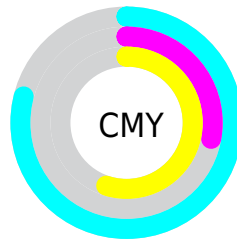
- Red (21%)
- Green (72%)
- Blue (45%)



- Red (21%)
- Yellow (55%)
- Blue (72%)



- Cyan (71%)
- Magenta (0%)
- Yellow (38%)
- Black (28%)



- Cyan (79%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B772 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 35B772 by changing the saturation by 10% instead.

 35B772

 35B772

FFFFFF

 009C59

 74F0A6

 008141

 92FFC2

 00672A

 AFFFDE

 004E14

 CDFFFB

 003600

 EBFFFF

 001E00

 000000

 35B772

 35B772

 23B768

 47B77C

 10B75F

 5AB785

 00B756

 6CB78F

 7EB799

 91B7A3

 A3B7AC

 B5B7B6

 C7B7C0

 DAB7C9

Harmonies

Analogous

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



83AF48



35B772



00BAA6

Triad

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



35B772



42A5FF



FB7C6C

Complementary

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



35B772



B7357A

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.



FE739D



35B772



AC91F7

Square

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



35B772



00B3FC



E57DD0



E18E45

Rectangle

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



35B772



00BAC9



E57DD0



FF777C

Sweetspot

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



35B772



BBEDD3



7AB735



5A7868



F7F7F7



787878

Same Dimension

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



35B772



24ED82



35B7B3



535C57



009C49



001C0D

Inverse Universe

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



B7357A



ED248F



B73539



5C5357



9C0053



1C000F

Previews

White Background



This preview shows how the Hex color 35B772 looks on a white background.

Color Contrast Check

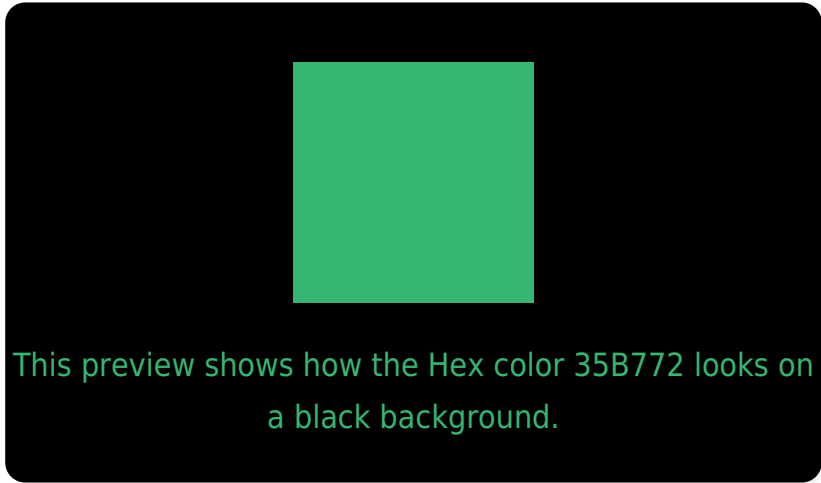
Large Text (above 18pt) WCAG AA × Fail

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

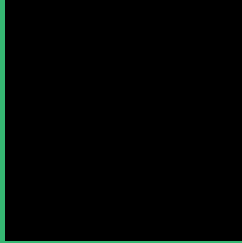
Any Text WCAG AA ✓ Pass

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 35B772 Background



This preview shows how black text looks on a background with the Hex color 35B772.

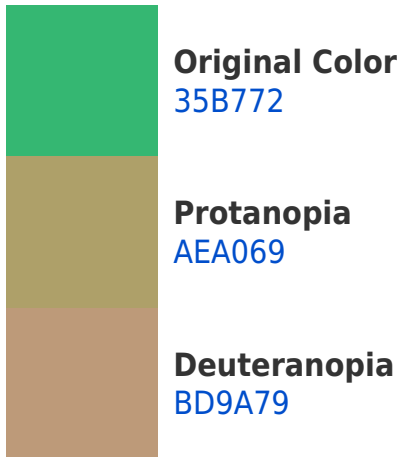


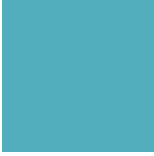
This preview shows how white text looks on a background with the Hex color 35B772.

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
52AEBC

Trichromacy



Original Color
35B772



Protanomaly
82A86C



Deuteranomaly
8CA576



Tritanomaly
47B1A1

Monochromacy



Original Color
35B772



Achromatopsia
888888



Achromatomaly
6A9980

CSS Examples

Text

The CSS property to change the color of the text to Hex 35B772 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 #35B772 looks like.

```
.text, #text, p{  
    color:#35B772  
}
```

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 #35B772 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B772
}
```

Border

The CSS property to change the border of an element to Hex 35B772 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
#35B772 }
```

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

```
.border{ border-color:#35B772 }
```

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

Here you see how a box with a 4 pixel #35B772 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B772; -webkit-box-shadow:4px 4px  
4px 4px #35B772; box-shadow:4px 4px 4px  
4px #35B772 }
```

Background

The CSS property to change the background color of an element to Hex 35B772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B772 }
```

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

```
.background{ background-color:#35B772 }
```

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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