

# Converting Colors

Hex(3BF582)

Have a look what the booklet for  
Hex(3BF582) contains.

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**Color**

**Hex(3BF582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BF582
RGB	59, 245, 130
RGB Percent	23%, 96%, 51%
CMY	0.7686, 0.0392, 0.4902
CMYK	0.76, 0.00, 0.47, 0.04
HSL	143°, 90%, 60%
HSV	143°, 76%, 96%
XYZ	38.4853, 67.8463, 32.1864
YIQ	176.2760, -73.9410, -75.1970

# Conversions

## Conversions Part 2

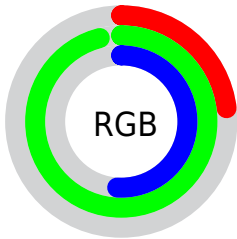
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 194, 245
Decimal	3929474
CIELab	85.93, -69.45, 42.51
CIELCh	86, 81.426, 148.528
Yxy	67.8463, 0.2778, 0.4898
Android (android.graphics.Color)	4282119554 (0xFF3BF582)
YUV	176.2760, -22.8141, -102.8511
Hunter-Lab	82.3689, -60.7448, 34.4901

# Details

The Hex color **3BF582** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F53BAE**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **85FFB8**, and **00BB4E** is the 20% darker color. If you saturate the color by 10%, you get **22F573**, and if you desaturate by 10%, it is **54F591**.

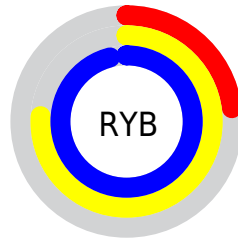
# Distribution



Red (23%)

Green (96%)

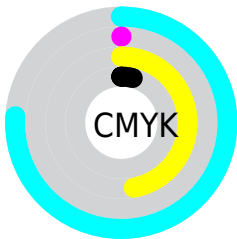
Blue (51%)



Red (23%)

Yellow (76%)

Blue (96%)

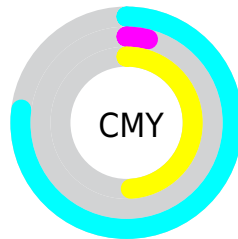


Cyan (76%)

Magenta (0%)

Yellow (47%)

Black (4%)



Cyan (77%)

Magenta (4%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BF582 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 3BF582 by changing the saturation by 10% instead.



 3BF582

 3BF582

FFFFFF

 00D868

 85FFB8

 00BB4E

 A5FFD5

 009F35

 C4FFF1

 00841A

 E4FFFF

 006900

 004F00

 003800

 001D00

 000000

 3BF582

 3BF582

 22F573

 54F591

 0AF564

 6CF5A0

 00F55E

 84F5AF

 9DF5BF

 B6F5CE

 CEF5DD

 E7F5EC

 FFF5FB

 FFF5FF

# Harmonies

## Analogous

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



B5E840



3BF582



00FBD1

# Triad

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



3BF582



00E1FF



FF9692

# Complementary

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



3BF582



F53BAE

# 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.



FF8CDE



3BF582



CFC4FF

# Square

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



3BF582



00F3FF



FFA2FF



FFB451

# Rectangle

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



3BF582



00FBFF



FFA2FF



FF8FAA

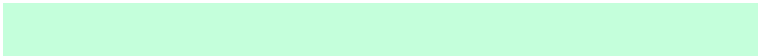


# Sweetspot

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



3BF582



C4FFDB



B1F53B



5C8069



000000



808080



# Same Dimension

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



3BF582



17FF70



3BF5DC



6E7A73



00BA47



003B16



# Inverse Universe

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



F53BAE



FF17A6



F53B54



7A6E76



BA0073

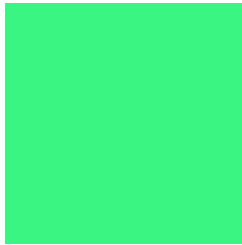


3B0024



# Previews

## White Background



This preview shows how the Hex color 3BF582 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 3BF582 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 3BF582 Background



This preview shows how black text looks on a background with the Hex color 3BF582.

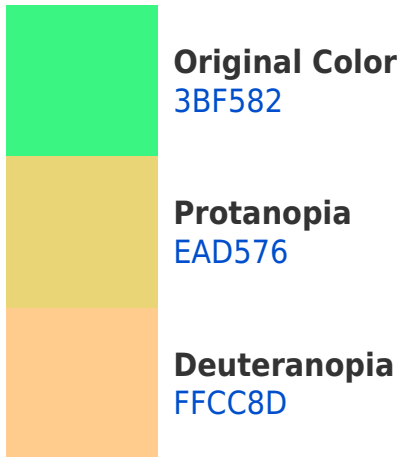


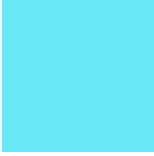
This preview shows how white text looks on a background with the Hex color 3BF582.

# 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**  
6BE7FA

# Trichromacy



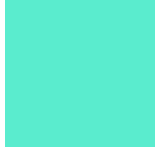
**Original Color**  
3BF582



**Protanomaly**  
AAE17A



**Deuteranomaly**  
B8DB89



**Tritanomaly**  
5AECCE

# Monochromacy



**Original Color**  
3BF582



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
85C99F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BF582 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 #3BF582 looks like.

```
.text, #text, p{  
    color:#3BF582  
}
```

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 #3BF582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF582
}
```

## Border

The CSS property to change the border of an element to Hex 3BF582 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
#3BF582 }
```

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

```
.border{ border-color:#3BF582 }
```

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

Here you see how a box with a 4 pixel #3BF582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF582; -webkit-box-shadow:4px 4px  
4px 4px #3BF582; box-shadow:4px 4px 4px  
4px #3BF582 }
```

# Background

The CSS property to change the background color of an element to Hex 3BF582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF582 }
```

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

```
.background{ background-color:#3BF582 }
```

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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