

Converting Colors

Hex(3FB53A)

Have a look what the booklet for
Hex(3FB53A) contains.

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Color

Hex(3FB53A)

Conversions

Conversions Part 1

Format	Color
Hex	3FB53A
RGB	63, 181, 58
RGB Percent	25%, 71%, 23%
CMY	0.7529, 0.2902, 0.7725
CMYK	0.65, 0.00, 0.68, 0.29
HSL	118°, 51%, 47%
HSV	118°, 68%, 71%
XYZ	19.3375, 34.4100, 9.6256
YIQ	131.6960, -30.8450, -63.2690

Conversions

Conversions Part 2

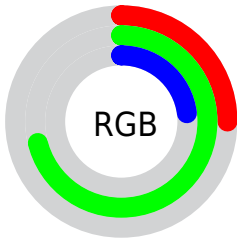
Format	Color
RYB	58, 181, 176
Decimal	4175162
CIELab	65.29, -56.30, 51.05
CIElCh	65, 76.001, 137.797
Yxy	34.4100, 0.3051, 0.5430
Android (android.graphics.Color)	4282365242 (0xFF3FB53A)
YUV	131.6960, -36.3321, -60.2464
Hunter-Lab	58.6600, -43.8119, 31.3331

Details

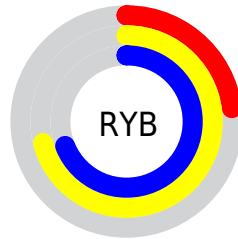
The Hex color **3FB53A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B03AB5**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7DEE6F**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **2EB528**, and if you desaturate by 10%, it is **50B54C**.

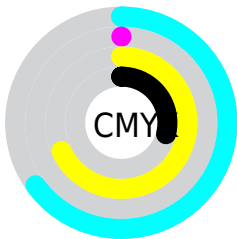
Distribution



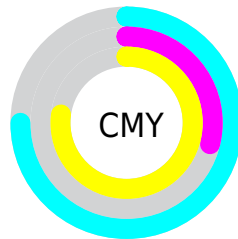
- Red (25%)
- Green (71%)
- Blue (23%)



- Red (23%)
- Yellow (71%)
- Blue (69%)



- Cyan (65%)
- Magenta (0%)
- Yellow (68%)
- Black (29%)



- Cyan (75%)
- Magenta (29%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB53A 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 3FB53A by changing the saturation by 10% instead.

3FB53A

3FB53A

FFFFFF

159A1E

7DEE6F

007F00

9AFF8A

006500

B7FFA5

004B00

D5FFC1

003400

F3FFDE

001B00

FFFFFFB

000000

3FB53A

3FB53A

2EB528

50B54C

 1CB516

 62B55E

 0BB504

 73B570

 07B500

 84B582

 96B595

 A7B5A7

 B9B5B9

 CAB5CB

 DBB5DD

Harmonies

Analogous

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



98A800



3FB53A



00BC7F

Triad

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



3FB53A



00AEFF



FF5879

Complementary

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



3FB53A



B03AB5

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.



FF5ABD



3FB53A



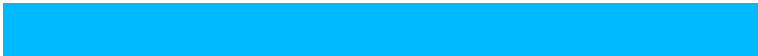
5B98FF

Square

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



3FB53A



00BAFF



D378FB



FF733A

Rectangle

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



3FB53A



00BDAF



D378FB



FF5490

Sweetspot

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



3FB53A



BEEBBC



B5AF3A



5A7559



F5F5F5



757575

Same Dimension

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



3FB53A



32EB2A



3AB571



515950



069900



011A00

Inverse Universe

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



B03AB5



E32AEB



B53A7E



595059



930099



18001A

Previews

White Background



This preview shows how the Hex color 3FB53A looks on a white background.

Color Contrast Check

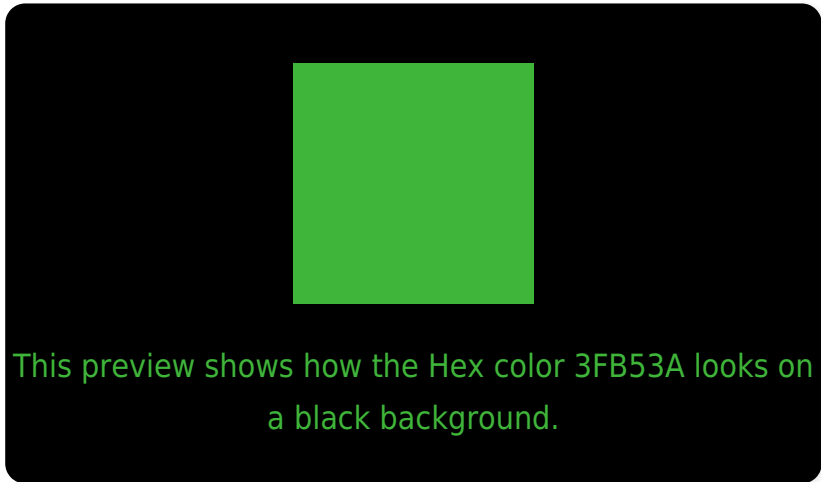
Large Text (above 18pt) WCAG AA × Fail

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 3FB53A Background



This preview shows how black text looks on a background with the Hex color 3FB53A.

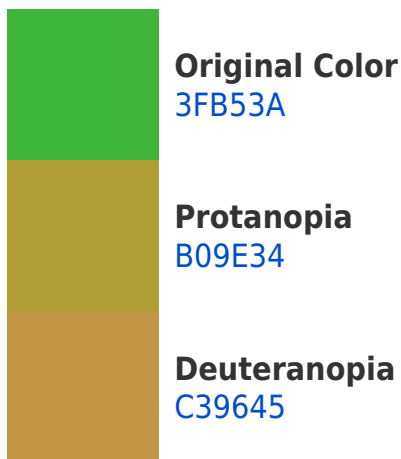


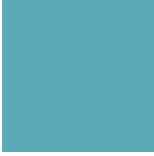
This preview shows how white text looks on a background with the Hex color 3FB53A.

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](#).

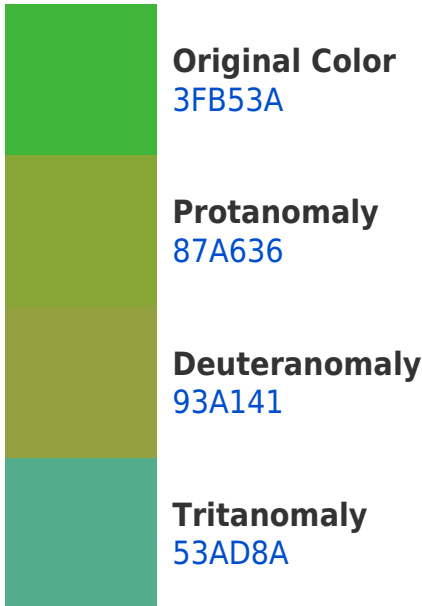
Dichromacy





Tritanopia
5EA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB53A 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 #3FB53A looks like.

```
.text, #text, p{  
    color:#3FB53A  
}
```

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 #3FB53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB53A
}
```

Border

The CSS property to change the border of an element to Hex 3FB53A 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
#3FB53A }
```

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

```
.border{ border-color:#3FB53A }
```

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

Here you see how a box with a 4 pixel #3FB53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB53A; -webkit-box-shadow:4px 4px  
4px 4px #3FB53A; box-shadow:4px 4px 4px  
4px #3FB53A }
```

Background

The CSS property to change the background color of an element to Hex 3FB53A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB53A }
```

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

```
.background{ background-color:#3FB53A }
```

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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