

# Converting Colors

Hex(7FB53A)

Have a look what the booklet for  
Hex(7FB53A) contains.

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**Color**

**Hex(7FB53A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FB53A
RGB	127, 181, 58
RGB Percent	50%, 71%, 23%
CMY	0.5020, 0.2902, 0.7725
CMYK	0.30, 0.00, 0.68, 0.29
HSL	86°, 51%, 47%
HSV	86°, 68%, 71%
XYZ	26.0400, 37.8653, 9.9393
YIQ	150.8320, 7.2990, -49.7010

# Conversions

## Conversions Part 2

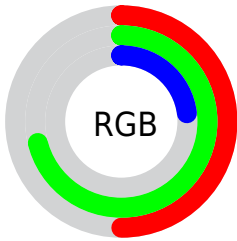
Format	Color
<a href="#">RYB</a>	<a href="#">58, 181, 112</a>
Decimal	<a href="#">8369466</a>
CIELab	<a href="#">67.92, -36.99, 54.64</a>
CIElCh	<a href="#">68, 65.982, 124.096</a>
Yxy	<a href="#">37.8653, 0.3526, 0.5128</a>
Android (android.graphics.Color)	<a href="#">4286559546 (0xFF7FB53A)</a>
YUV	<a href="#">150.8320, -45.7662, -20.9007</a>
Hunter-Lab	<a href="#">61.5348, -32.1490, 33.4976</a>

# Details

The Hex color **7FB53A** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **703AB5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B7ED70**, and **488000** is the 20% darker color. If you saturate the color by 10%, you get **77B528**, and if you desaturate by 10%, it is **87B54C**.

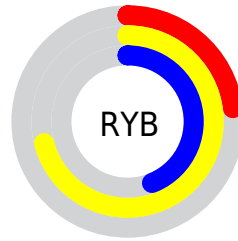
# Distribution



Red (50%)

Green (71%)

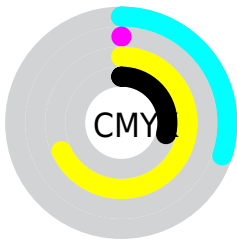
Blue (23%)



Red (23%)

Yellow (71%)

Blue (44%)

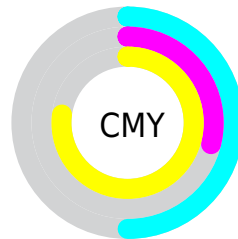


Cyan (30%)

Magenta (0%)

Yellow (68%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FB53A 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 7FB53A by changing the saturation by 10% instead.



 7FB53A

 7FB53A

FFFFFF

 649A1D

 B7ED70

 488000

 D4FF8B

 2D6600

 F1FFA6

 0C4E00

 FFFFC2

 003600

 FFFFDF

 002300

 FFFFFC

 000000

 7FB53A

 7FB53A

 77B528

 87B54C

 6FB516

 8FB55E

 67B504

 97B570

 66B500

 9FB582

 A7B595

 AFB5A7

 B7B5B9

 BFB5CB

 C7B5DD

# Harmonies

## Analogous

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



BDA51D



7FB53A



00BE6F

# Triad

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



7FB53A



00B9FF



FF6CA0

# Complementary

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



7FB53A



703AB5

# 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.



F479DB



7FB53A



00AAFF

# Square

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



7FB53A



00C1E7



B192FF



FF7766

# Rectangle

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



7FB53A



00C197



B192FF



FF6EB4



# Sweetspot

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



7FB53A



D6EBBC



B56F3A



697559



F5F5F5



757575



# Same Dimension

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



7FB53A



96EB2A



42B53A



555950



569900



0E1A00



# Inverse Universe

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



703AB5



7F2AEB



AD3AB5



545059



430099



0B001A



# Previews

## White Background



This preview shows how the Hex color 7FB53A 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 7FB53A Background



This preview shows how black text looks on a background with the Hex color 7FB53A.

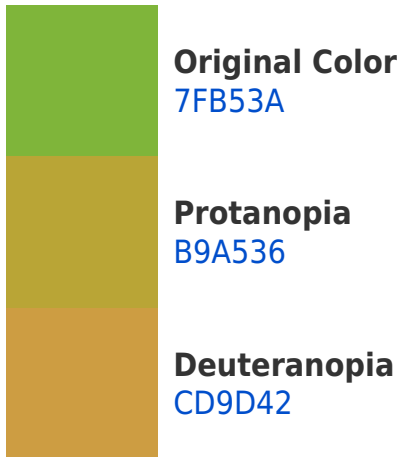


This preview shows how white text looks on a background with the Hex color 7FB53A.

# 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](#).

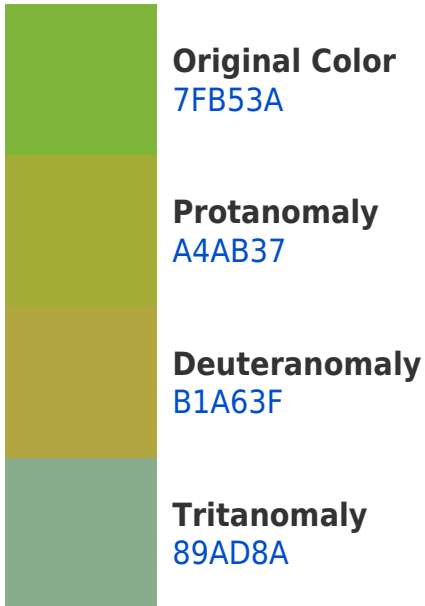
## Dichromacy



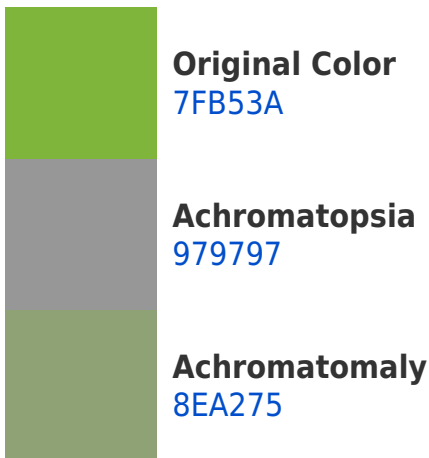


**Tritanopia**  
8FA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FB53A 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 #7FB53A looks like.

```
.text, #text, p{  
    color:#7FB53A  
}
```

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 #7FB53A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FB53A
}
```

## Border

The CSS property to change the border of an element to Hex 7FB53A 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
#7FB53A }
```

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

```
.border{ border-color:#7FB53A }
```

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

Here you see how a box with a 4 pixel #7FB53A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FB53A; -webkit-box-shadow:4px 4px  
4px 4px #7FB53A; box-shadow:4px 4px 4px  
4px #7FB53A }
```

# Background

The CSS property to change the background color of an element to Hex 7FB53A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FB53A }
```

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

```
.background{ background-color:#7FB53A }
```

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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