

Converting Colors

Hex(53BA4A)

Have a look what the booklet for
Hex(53BA4A) contains.

Hex(53BA4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(53BA4A)

Conversions

Conversions Part 1

Format	Color
Hex	53BA4A
RGB	83, 186, 74
RGB Percent	33%, 73%, 29%
CMY	0.6745, 0.2706, 0.7098
CMYK	0.55, 0.00, 0.60, 0.27
HSL	115°, 45%, 51%
HSV	115°, 60%, 73%
XYZ	22.3622, 37.4512, 12.5288
YIQ	142.4350, -25.4360, -56.6680

Conversions

Conversions Part 2

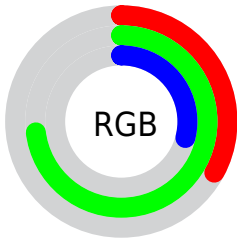
Format	Color
RYB	74, 186, 177
Decimal	5487178
CIELab	67.61, -51.74, 46.88
CIELCh	68, 69.819, 137.816
Yxy	37.4512, 0.3091, 0.5177
Android (android.graphics.Color)	4283677258 (0xFF53BA4A)
YUV	142.4350, -33.7385, -52.1245
Hunter-Lab	61.1974, -41.8696, 30.6999

Details

The Hex color **53BA4A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B14ABA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8DF37E**, and **038413** is the 20% darker color. If you saturate the color by 10%, you get **42BA37**, and if you desaturate by 10%, it is **64BA5D**.

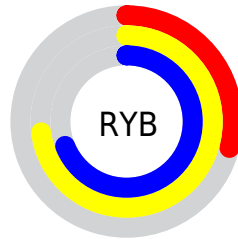
Distribution



Red (33%)

Green (73%)

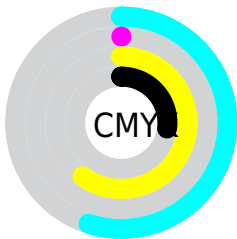
Blue (29%)



Red (29%)

Yellow (73%)

Blue (69%)

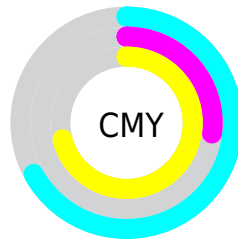


Cyan (55%)

Magenta (0%)

Yellow (60%)

Black (27%)



Cyan (67%)

Magenta (27%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53BA4A 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 53BA4A by changing the saturation by 10% instead.

 53BA4A

 53BA4A

FFFFFF

 349F30

 8DF37E

 038413

 AAFF99

 006A00

 C7FFB5

 005000

 E5FFD1

 003800

 FFFFEE

 002200

 000000

 53BA4A

 53BA4A

 42BA37

 64BA5D

 31BA25

 75BA6F

 20BA12

 86BA82

 0FBA00

 97BA94

 A9BAA7

 BABABA

 CBBACC

 DCBADF

 EDBAF1

Harmonies

Analogous

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



A0AD15



53BA4A



00C188

Triad

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



53BA4A



00B3FF



FF6982

Complementary

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



53BA4A



B14ABA

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.



FF6AC1



53BA4A



709FFF

Square

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



53BA4A



00BEFF



D783FA



FF7E49

Rectangle

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



53BA4A



00C2B4



D783FA



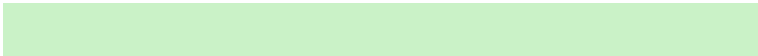
FF6697

Sweetspot

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



53BA4A



CAF2C7



BAB14A



627A5F



FAFAFA



7A7A7A

Same Dimension

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



53BA4A



52F244



4ABA79



535C53



0C9C00



021C00

Inverse Universe

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



B14ABA



E444F2



BA4A8B



5B535C



8F009C



1A001C

Previews

White Background



This preview shows how the Hex color 53BA4A looks on a white background.

Color Contrast Check

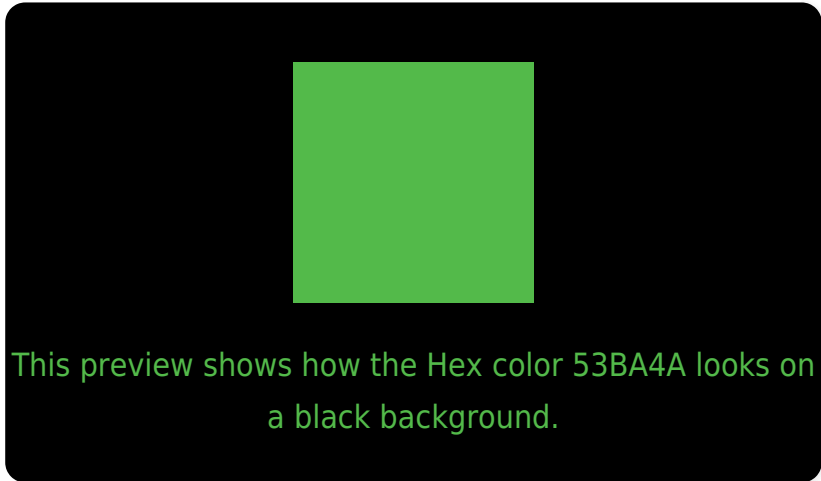
Large Text (above 18pt) WCAG AA × Fail

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

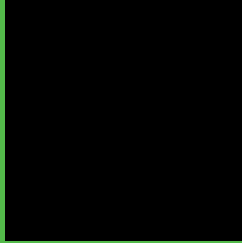
Any Text WCAG AA ✓ Pass

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 53BA4A Background



This preview shows how black text looks on a background with the Hex color 53BA4A.

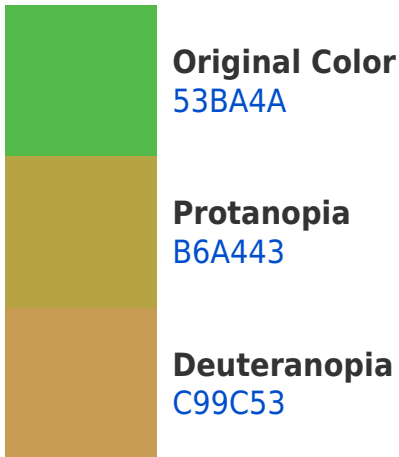


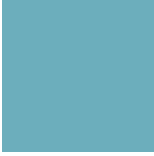
This preview shows how white text looks on a background with the Hex color 53BA4A.

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





Trichromacy



Original Color

53BA4A



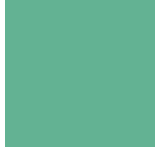
Protanomaly

92AC46



Deuteranomaly

9EA750



Tritanomaly

63B293

Monochromacy



Original Color

53BA4A



Achromatopsia

8E8E8E



Achromatomaly

799E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 53BA4A 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 #53BA4A looks like.

```
.text, #text, p{  
    color:#53BA4A  
}
```

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 #53BA4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BA4A
}
```

Border

The CSS property to change the border of an element to Hex 53BA4A 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
#53BA4A }
```

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

```
.border{ border-color:#53BA4A }
```

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

Here you see how a box with a 4 pixel #53BA4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BA4A; -webkit-box-shadow:4px 4px  
4px 4px #53BA4A; box-shadow:4px 4px 4px  
4px #53BA4A }
```

Background

The CSS property to change the background color of an element to Hex 53BA4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BA4A }
```

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

```
.background{ background-color:#53BA4A }
```

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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