

Converting Colors

Hex(49BA53)

Have a look what the booklet for
Hex(49BA53) contains.

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Color

Hex(49BA53)

Conversions

Conversions Part 1

Format	Color
Hex	49BA53
RGB	73, 186, 83
RGB Percent	29%, 73%, 33%
CMY	0.7137, 0.2706, 0.6745
CMYK	0.61, 0.00, 0.55, 0.27
HSL	125°, 45%, 51%
HSV	125°, 61%, 73%
XYZ	21.8679, 37.1588, 14.2034
YIQ	140.4710, -34.2850, -55.9890

Conversions

Conversions Part 2

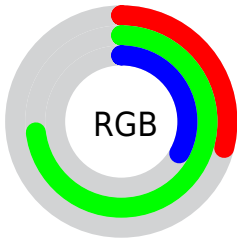
Format	Color
RYB	73, 177, 186
Decimal	4831827
CIELab	67.40, -53.09, 42.35
CIElCh	67, 67.912, 141.416
Yxy	37.1588, 0.2986, 0.5074
Android (android.graphics.Color)	4283021907 (0xFF49BA53)
YUV	140.4710, -28.3332, -59.1721
Hunter-Lab	60.9580, -42.6420, 28.8559

Details

The Hex color **49BA53** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA49B0**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **84F387**, and **008420** is the 20% darker color. If you saturate the color by 10%, you get **36BA42**, and if you desaturate by 10%, it is **5CBA64**.

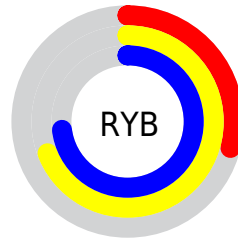
Distribution



Red (29%)

Green (73%)

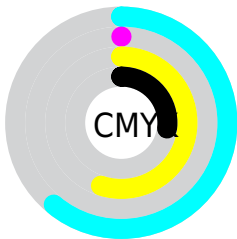
Blue (33%)



Red (29%)

Yellow (69%)

Blue (73%)

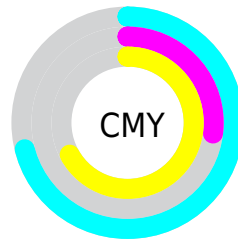


Cyan (61%)

Magenta (0%)

Yellow (55%)

Black (27%)



Cyan (71%)

Magenta (27%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49BA53 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 49BA53 by changing the saturation by 10% instead.

 49BA53

 49BA53

FFFFFF

 269E3A

 84F387

 008420

 A1FFA2

 006A00

 BFFFBE

 005000

 DCFFDA

 003800

 FAFFF7

 002100

 000000

 49BA53


 49BA53

 36BA42

 5CBA64

 24BA31

 6EBA75

 11BA20

 81BA86

 00BA10

 93BA97

 A6BAA8

 B9BAB9

 CBBACA

 DEBADB

 FOBAEC

Harmonies

Analogous

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



99AE21



49BA53



00C090

Triad

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



49BA53



00B0FF



FF6C7B

Complementary

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



49BA53



BA49B0

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.



FF6BB8



49BA53



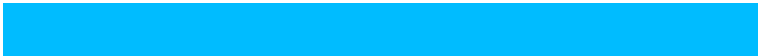
829BFF

Square

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



49BA53



00BCFF



DD80F1



FC8245

Rectangle

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



49BA53



00C1BB



DD80F1



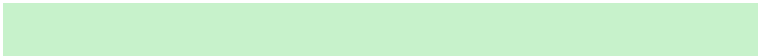
FF688F

Sweetspot

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



49BA53



C7F2CB



B1BA49



5F7A62



FAFAFA



7A7A7A

Same Dimension

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



49BA53



41F251



49BA8B



535C53



009C0E



001C02

Inverse Universe

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



BA49B0



F241E3



BA4978



5C535B



9C008E



1C001A

Previews

White Background



This preview shows how the Hex color 49BA53 looks on a white background.

Color Contrast Check

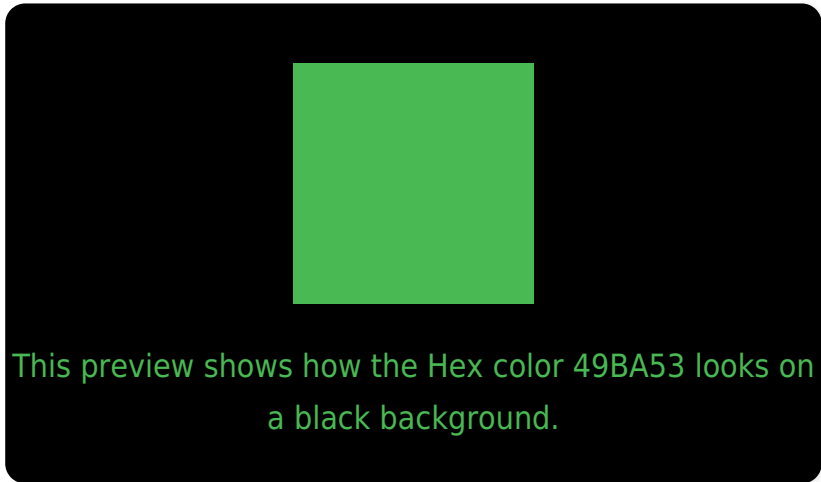
Large Text (above 18pt) WCAG AA × Fail

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 49BA53 Background



This preview shows how black text looks on a background with the Hex color 49BA53.

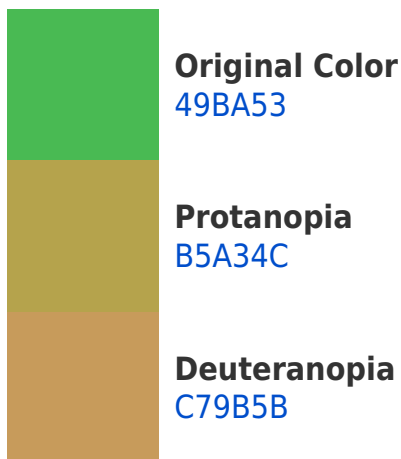


This preview shows how white text looks on a background with the Hex color 49BA53.

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
64AFBD

Trichromacy



Original Color
49BA53



Protanomaly
8EAB4F



Deuteranomaly
99A658



Tritanomaly
5AB396

Monochromacy



Original Color
49BA53



Achromatopsia
8C8C8C



Achromatomaly
749D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 49BA53 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 #49BA53 looks like.

```
.text, #text, p{  
    color:#49BA53  
}
```

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 #49BA53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49BA53
}
```

Border

The CSS property to change the border of an element to Hex 49BA53 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
#49BA53 }
```

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

```
.border{ border-color:#49BA53 }
```

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

Here you see how a box with a 4 pixel #49BA53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49BA53; -webkit-box-shadow:4px 4px  
4px 4px #49BA53; box-shadow:4px 4px 4px  
4px #49BA53 }
```

Background

The CSS property to change the background color of an element to Hex 49BA53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49BA53 }
```

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

```
.background{ background-color:#49BA53 }
```

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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