

# Converting Colors

Hex(53BA13)

Have a look what the booklet for  
Hex(53BA13) contains.

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**Color**

**Hex(53BA13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53BA13
RGB	83, 186, 19
RGB Percent	33%, 73%, 7%
CMY	0.6745, 0.2706, 0.9255
CMYK	0.55, 0.00, 0.90, 0.27
HSL	97°, 81%, 40%
HSV	97°, 90%, 73%
XYZ	21.2437, 37.0038, 6.6389
YIQ	136.1650, -7.7810, -73.7730

# Conversions

## Conversions Part 2

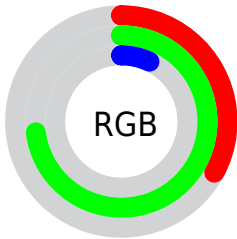
Format	Color
<b>RYB</b>	19, 186, 122
Decimal	5487123
CIELab	67.28, -55.53, 64.87
CIELCh	67, 85.389, 130.565
Yxy	37.0038, 0.3274, 0.5703
Android (android.graphics.Color)	4283677203 (0xFF53BA13)
YUV	136.1650, -57.7623, -46.6257
Hunter-Lab	60.8308, -44.1169, 36.1108

# Details

The Hex color **53BA13** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7A13BA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8FF355**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **48BA00**, and if you desaturate by 10%, it is **5EBA26**.

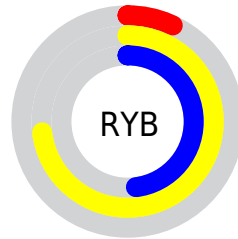
# Distribution



Red (33%)

Green (73%)

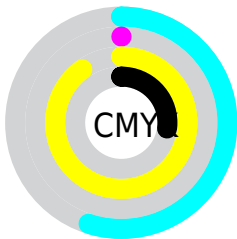
Blue (7%)



Red (7%)

Yellow (73%)

Blue (48%)

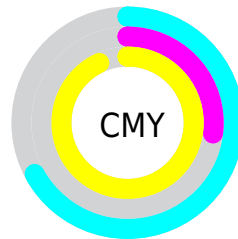


Cyan (55%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (67%)

Magenta (27%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53BA13 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 53BA13 by changing the saturation by 10% instead.



 53BA13

 53BA13

FFFFFF

 329E00

 8FF355

 008400

 ACFF71

 006A00

 CAFF8C

 005000

 E8FFA9

 003800

 FFFFC5

 002100

 FFFF E2

 000000

 53BA13

 53BA13

 48BA00

 5EBA26

 47BA00

 6ABA38

 75BA4B

 81BA5D

 8CBA70

 98BA83

 A3BA95

 AFBAA8

 BABABA

# Harmonies

## Analogous

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



ACA900



53BA13



00C36D

# Triad

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



53BA13



00BAFF



FF498C

# Complementary

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



53BA13



7A13BA

# 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.



FF58D9



53BA13



00A4FF

# Square

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



53BA13



00C4FF



C781FF



FF6842

# Rectangle

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



53BA13



00C5A3



C781FF



FF48A6

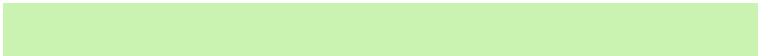


# Sweetspot

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



53BA13



CAF2B1



BA7A13



627A53



FAFAFA



7A7A7A



# Same Dimension

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



53BA13



5DF200



13BA26



565C53



3C9C00



0B1C00



# Inverse Universe

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



7A13BA



9500F2



BA13A7



58535C



60009C



11001C



# Previews

## White Background



This preview shows how the Hex color 53BA13 looks on a white background.

## Color Contrast Check

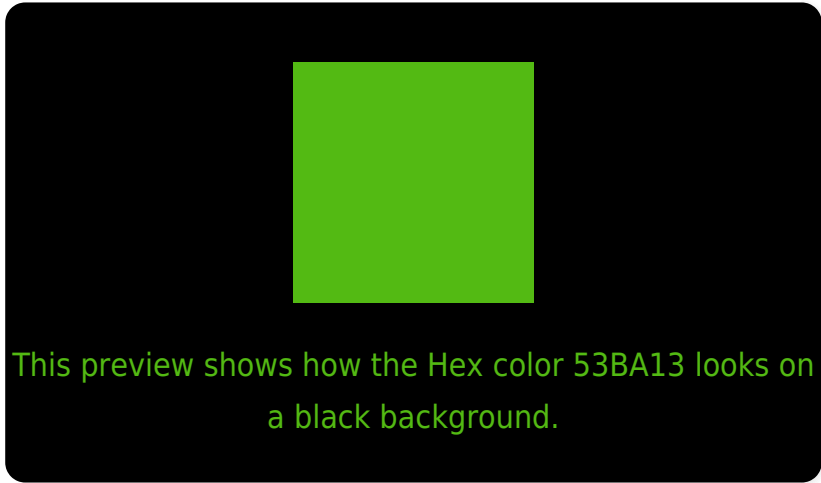
Large Text (above 18pt) WCAG AA × Fail

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 53BA13 Background



This preview shows how black text looks on a background with the Hex color 53BA13.

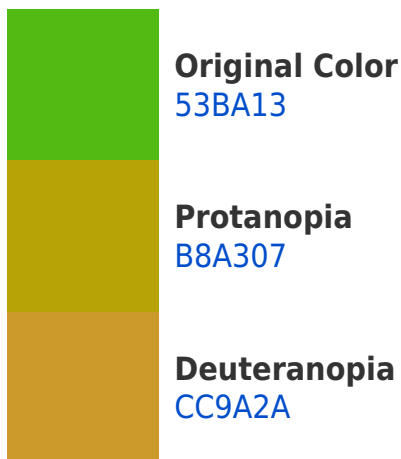


This preview shows how white text looks on a background with the Hex color 53BA13.

# 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**  
53BA13



**Protanomaly**  
93AB0B



**Deuteranomaly**  
A0A622



**Tritanomaly**  
64B27E

# Monochromacy



**Original Color**  
53BA13



**Achromatopsia**  
888888



**Achromatomaly**  
759A5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53BA13 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 #53BA13 looks like.

```
.text, #text, p{  
    color:#53BA13  
}
```

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 #53BA13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53BA13
}
```

## Border

The CSS property to change the border of an element to Hex 53BA13 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
#53BA13 }
```

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

```
.border{ border-color:#53BA13 }
```

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

Here you see how a box with a 4 pixel #53BA13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53BA13; -webkit-box-shadow:4px 4px  
4px 4px #53BA13; box-shadow:4px 4px 4px  
4px #53BA13 }
```

# Background

The CSS property to change the background color of an element to Hex 53BA13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53BA13 }
```

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

```
.background{ background-color:#53BA13 }
```

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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