

# Converting Colors

Hex(3ACC14)

Have a look what the booklet for  
Hex(3ACC14) contains.

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**Color**

**Hex(3ACC14)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ACC14
RGB	58, 204, 20
RGB Percent	23%, 80%, 8%
CMY	0.7725, 0.2000, 0.9216
CMYK	0.72, 0.00, 0.90, 0.20
HSL	108°, 82%, 44%
HSV	108°, 90%, 80%
XYZ	23.4641, 44.1358, 7.9442
YIQ	139.3700, -27.9520, -88.1760

# Conversions

## Conversions Part 2

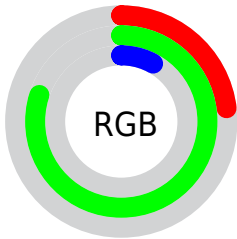
Format	Color
<a href="#">RYB</a>	<a href="#">20, 204, 166</a>
Decimal	<a href="#">3853332</a>
CIELab	<a href="#">72.32, -67.03, 68.70</a>
CIELCh	<a href="#">72, 95.982, 134.293</a>
Yxy	<a href="#">44.1358, 0.3106, 0.5842</a>
Android (android.graphics.Color)	<a href="#">4282043412 (0xFF3ACC14)</a>
YUV	<a href="#">139.3700, -58.8494, -71.3615</a>
Hunter-Lab	<a href="#">66.4348, -53.2165, 39.4145</a>

# Details

The Hex color **3ACC14** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A614CC**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7FFF58**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **2ACC00**, and if you desaturate by 10%, it is **4ACC28**.

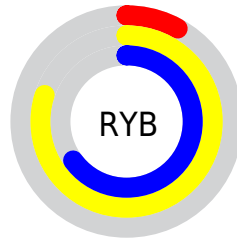
# Distribution



Red (23%)

Green (80%)

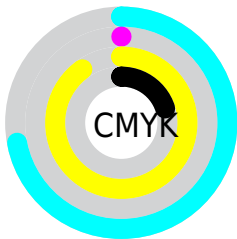
Blue (8%)



Red (8%)

Yellow (80%)

Blue (65%)

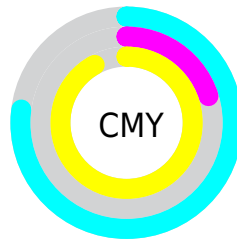


Cyan (72%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (77%)

Magenta (20%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ACC14 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 3ACC14 by changing the saturation by 10% instead.



 3ACC14

 3ACC14

FFFFFF

 00B000

 7FFF58

 009400

 9EFF75

 007900

 BDFF91

 005F00

 DCFFAE

 004600

 FBFFCB

 002E00

 FFFF E8

 000F00

 000000

 3ACC14

 3ACC14

 2ACC00

 4ACC28

 5ACC3D

 6BCC51

 7BCC66

 8BCC7A

 9BCC8E

 ABCCA3

 BBCCB7

 CCCCCC

# Harmonies

## Analogous

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



AFBA00



3ACC14



00D57E

# Triad

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



3ACC14



00C9FF



FF438C

# Complementary

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



3ACC14



A614CC

# 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.



FF50E3



3ACC14



00AEFF

# Square

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



3ACC14



00D5FF



E783FF



FF7036

# Rectangle

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



3ACC14



00D7BC



E783FF



FF3EA9

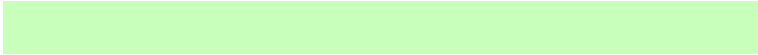


# Sweetspot

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



3ACC14



C8FFBA



CCA414



5F8057



000000



808080



# Same Dimension

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



3ACC14



35FF00



14CC48



5E665C



22A600



082600



# Inverse Universe

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



A614CC



CA00FF



CC1498



645C66



8400A6

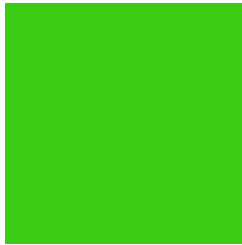


1E0026



# Previews

## White Background



This preview shows how the Hex color 3ACC14 looks on a white background.

## Color Contrast Check

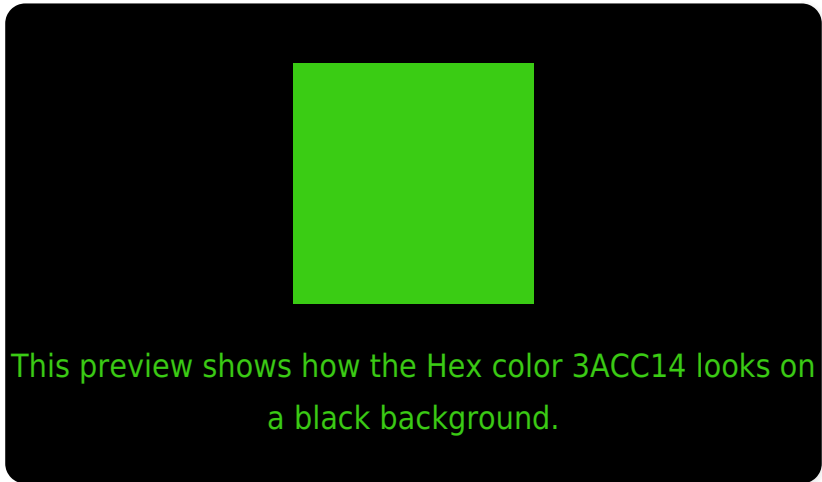
Large Text (above 18pt) WCAG AA × Fail

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

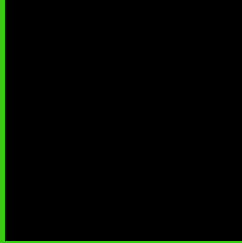
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3ACC14 Background



This preview shows how black text looks on a background with the Hex color 3ACC14.

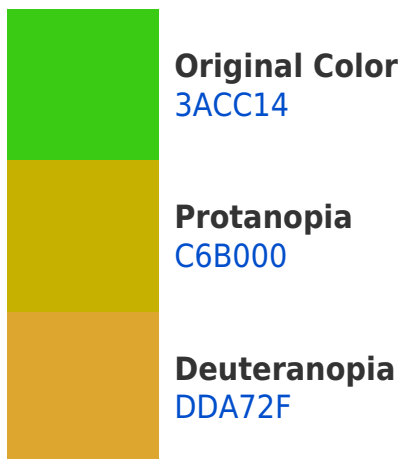


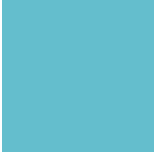
This preview shows how white text looks on a background with the Hex color 3ACC14.

# 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](#).

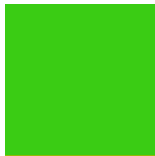
## Dichromacy





**Tritanopia**  
64BECD

# Trichromacy



**Original Color**  
3ACC14



**Protanomaly**  
93BA07



**Deuteranomaly**  
A2B425



**Tritanomaly**  
55C38A

# Monochromacy



**Original Color**  
3ACC14



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
6EA360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ACC14 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 #3ACC14 looks like.

```
.text, #text, p{  
    color:#3ACC14  
}
```

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 #3ACC14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ACC14
}
```

## Border

The CSS property to change the border of an element to Hex 3ACC14 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
#3ACC14 }
```

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

```
.border{ border-color:#3ACC14 }
```

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

Here you see how a box with a 4 pixel #3ACC14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ACC14; -webkit-box-shadow:4px 4px  
4px 4px #3ACC14; box-shadow:4px 4px 4px  
4px #3ACC14 }
```

# Background

The CSS property to change the background color of an element to Hex 3ACC14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ACC14 }
```

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

```
.background{ background-color:#3ACC14 }
```

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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