

Converting Colors

Hex(3AEC2C)

Have a look what the booklet for
Hex(3AEC2C) contains.

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Color

Hex(3AEC2C)

Conversions

Conversions Part 1

Format	Color
Hex	3AEC2C
RGB	58, 236, 44
RGB Percent	23%, 93%, 17%
CMY	0.7725, 0.0745, 0.8275
CMYK	0.75, 0.00, 0.81, 0.07
HSL	116°, 83%, 55%
HSV	116°, 81%, 93%
XYZ	32.1950, 61.0723, 12.4742
YIQ	160.8900, -44.4560, -97.4480

Conversions

Conversions Part 2

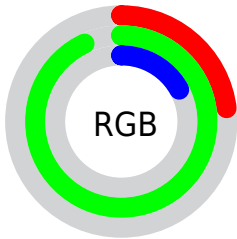
Format	Color
RYB	44, 236, 222
Decimal	3861548
CIELab	82.42, -75.67, 72.55
CIELCh	82, 104.833, 136.207
Yxy	61.0723, 0.3045, 0.5776
Android (android.graphics.Color)	4282051628 (0xFF3AEC2C)
YUV	160.8900, -57.6268, -90.2345
Hunter-Lab	78.1488, -63.2236, 45.2402

Details

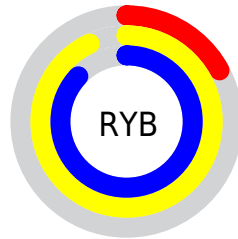
The Hex color **3AEC2C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **DE2CEC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **85FF6B**, and **00B200** is the 20% darker color. If you saturate the color by 10%, you get **24EC14**, and if you desaturate by 10%, it is **50EC44**.

Distribution



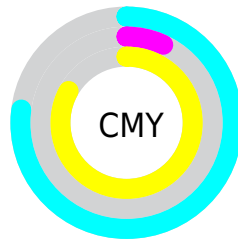
- Red (23%)
- Green (93%)
- Blue (17%)



- Red (17%)
- Yellow (93%)
- Blue (87%)



- Cyan (75%)
- Magenta (0%)
- Yellow (81%)
- Black (7%)



- Cyan (77%)
- Magenta (7%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AEC2C 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 3AEC2C by changing the saturation by 10% instead.

 3AEC2C

 3AEC2C

FFFFFF

 00CF00

 85FF6B

 00B200

 A6FF87

 009700

 C5FFA4

 007B00

 E5FFC1

 006100

 FFFFDF

 004700

FFFFFFD

 002E00

 001000


 000000

 3AEC2C

 3AEC2C

 24EC14

 50EC44

 11EC00

 66EC5B

 7CEC73

 92EC8A

 A7ECA2

 BDECBA

 D3ECD1

 E9ECE9

 FFECFF

Harmonies

Analogous

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



C5D900



3AEC2C



00F59A

Triad

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



3AEC2C



00E6FF



FF579D

Complementary

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



3AEC2C



DE2CEC

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.



FF5FFF



3AEC2C



24C7FF

Square

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



3AEC2C



00F4FF



FF96FF



FF883D

Rectangle

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



3AEC2C



00F8E0



FF96FF



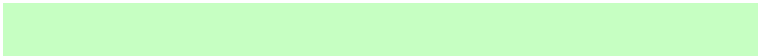
FF50BD

Sweetspot

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



3AEC2C



C6FFC2



ECDC2C



5D805B



000000



808080

Same Dimension

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



3AEC2C



17FF05



2CEC7C



6A756A



0DB500



043600

Inverse Universe

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



DE2CEC



ED05FF



EC2C9C



746A75



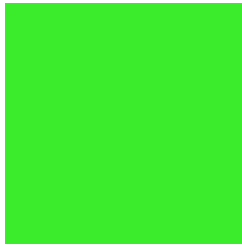
A800B5



320036

Previews

White Background



This preview shows how the Hex color 3AEC2C 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



This preview shows how the Hex color 3AEC2C looks on a 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 3AEC2C Background



This preview shows how black text looks on a background with the Hex color 3AEC2C.

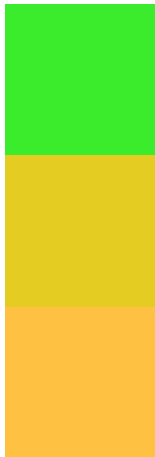


This preview shows how white text looks on a background with the Hex color 3AEC2C.

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](#).

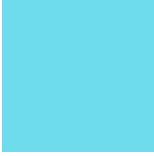
Dichromacy



Original Color
3AEC2C

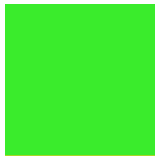
Protanopia
E5CC23

Deuteranopia
FEC142



Tritanopia
6FDCED

Trichromacy



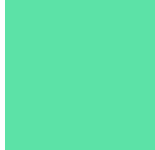
Original Color
3AEC2C



Protanomaly
A7D826



Deuteranomaly
B7D13A



Tritanomaly
5CE2A7

Monochromacy



Original Color
3AEC2C



Achromatopsia
A1A1A1



Achromatomaly
7CBC76

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AEC2C 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 #3AEC2C looks like.

```
.text, #text, p{  
    color:#3AEC2C  
}
```

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 #3AEC2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AEC2C
}
```

Border

The CSS property to change the border of an element to Hex 3AEC2C 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
#3AEC2C }
```

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

```
.border{ border-color:#3AEC2C }
```

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

Here you see how a box with a 4 pixel #3AEC2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AEC2C; -webkit-box-shadow:4px 4px  
4px 4px #3AEC2C; box-shadow:4px 4px 4px  
4px #3AEC2C }
```

Background

The CSS property to change the background color of an element to Hex 3AEC2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AEC2C }
```

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

```
.background{ background-color:#3AEC2C }
```

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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