

Converting Colors

Hex(2FEA15)

Have a look what the booklet for
Hex(2FEA15) contains.

Hex(2FEA15)	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>	28

Color

Hex(2FEA15)

Conversions

Conversions Part 1

Format	Color
Hex	2FEA15
RGB	47, 234, 21
RGB Percent	18%, 92%, 8%
CMY	0.8157, 0.0824, 0.9176
CMYK	0.80, 0.00, 0.91, 0.08
HSL	113°, 84%, 50%
HSV	113°, 91%, 92%
XYZ	30.7305, 59.5041, 10.5753
YIQ	153.8050, -43.0790, -105.8870

Conversions

Conversions Part 2

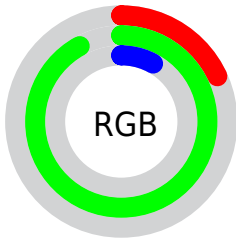
Format	Color
RYB	21, 234, 208
Decimal	3140117
CIELab	81.57, -77.38, 76.29
CIELCh	82, 108.660, 135.407
Yxy	59.5041, 0.3048, 0.5903
Android (android.graphics.Color)	4281330197 (0xFF2FEA15)
YUV	153.8050, -65.4729, -93.6680
Hunter-Lab	77.1389, -63.8826, 45.8690

Details

The Hex color **2FEA15** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **D015EA**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7FFF5E**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **1DEA00**, and if you desaturate by 10%, it is **44EA2C**.

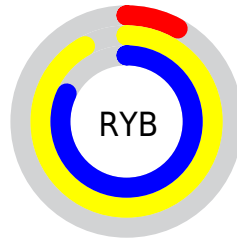
Distribution



Red (18%)

Green (92%)

Blue (8%)



Red (8%)

Yellow (92%)

Blue (82%)

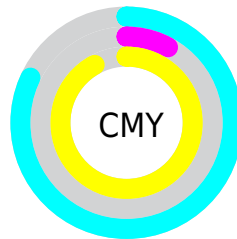


Cyan (80%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (82%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FEA15 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 2FEA15 by changing the saturation by 10% instead.

 2FEA15

 2FEA15


FFFFFF

 00CD00

 7FFF5E

 00B100

 A0FF7C

 009500

 C1FF99

 007900

 E0FFB6

 005F00

 FFFFD3

 004500

 FFFFF1

 002C00

 000B00

 000000

■ 2FEA15

■ 2FEA15

■ 1DEA00

■ 44EA2C

■ 58EA44

■ 6DEA5B

■ 81EA73

■ 96EA8A

■ AAEEA1

■ BFEAB9

■ D3EAD0

■ E8EAE8

Harmonies

Analogous

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



C3D600



2FEA15



00F493

Triad

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



2FEA15



00E5FF



FF479B

Complementary

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



2FEA15



D015EA

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.



FF54FF



2FEA15



00C6FF

Square

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



2FEA15



00F3FF



FF92FF



FF8037

Rectangle

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



2FEA15



00F6DB



FF92FF



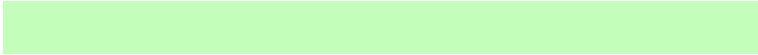
FF3FBD

Sweetspot

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



2FEA15



C3FFBA



EACE15



5C8057



000000



808080

Same Dimension

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



2FEA15



1FFF00



15EA63



6B756A



16B500



073600

Inverse Universe

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



D015EA



E000FF



EA159C



746A75



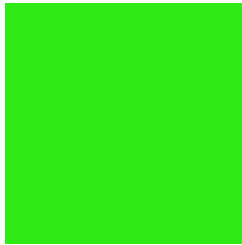
9F00B5



2F0036

Previews

White Background



This preview shows how the Hex color 2FEA15 looks on a white background.

Color Contrast Check

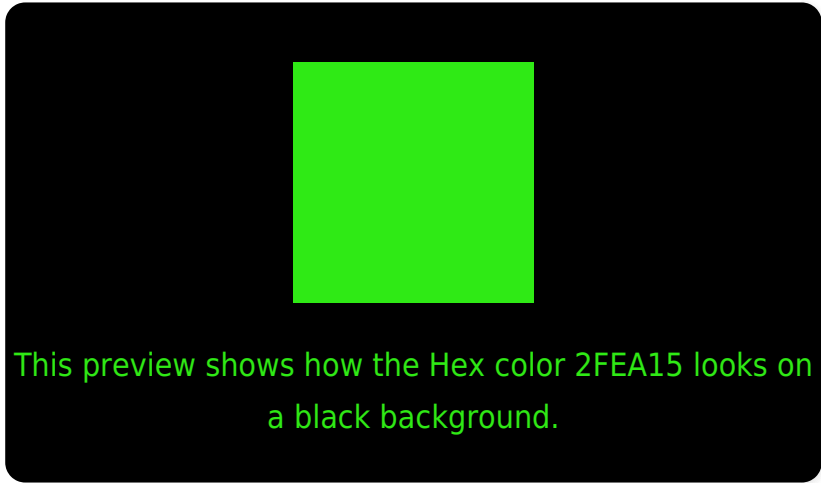
Large Text (above 18pt) WCAG AA × Fail

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 2FEA15 Background



This preview shows how black text looks on a background with the Hex color 2FEA15.

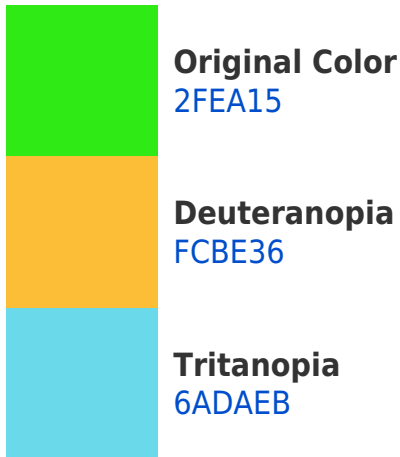


This preview shows how white text looks on a background with the Hex color 2FEA15.

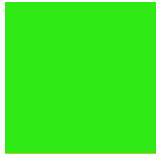
Color Blindness Simulation

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](#).

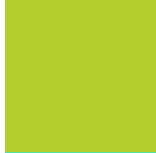
Dichromacy



Trichromacy



Original Color
2FEA15

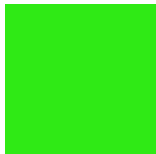


Deuteranomaly
B1CE2A



Tritanomaly
55E09D

Monochromacy



Original Color
2FEA15



Achromatopsia
9A9A9A



Achromatomaly
73B76A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FEA15 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 #2FEA15 looks like.

```
.text, #text, p{  
    color:#2FEA15  
}
```

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 #2FEA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FEA15
}
```

Border

The CSS property to change the border of an element to Hex 2FEA15 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
#2FEA15 }
```

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

```
.border{ border-color:#2FEA15 }
```

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

Here you see how a box with a 4 pixel #2FEA15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FEA15; -webkit-box-shadow:4px 4px  
4px 4px #2FEA15; box-shadow:4px 4px 4px  
4px #2FEA15 }
```

Background

The CSS property to change the background color of an element to Hex 2FEA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FEA15 }
```

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

```
.background{ background-color:#2FEA15 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor