

Converting Colors

Hex(BEFF2A)

Have a look what the booklet for
Hex(BEFF2A) contains.

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Color

Hex(BEFF2A)

Conversions

Conversions Part 1

Format	Color
Hex	BEFF2A
RGB	190, 255, 42
RGB Percent	75%, 100%, 16%
CMY	0.2549, 0.0000, 0.8353
CMYK	0.25, 0.00, 0.84, 0.00
HSL	78°, 100%, 58%
HSV	78°, 84%, 100%
XYZ	57.4131, 82.6343, 15.1145
YIQ	211.2830, 29.6330, -80.0230

Conversions

Conversions Part 2

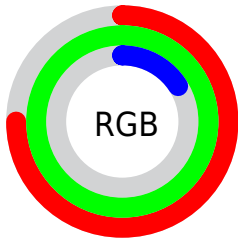
Format	Color
RYB	42, 255, 107
Decimal	12517162
CIELab	92.85, -46.54, 84.12
CIElCh	93, 96.137, 118.951
Yxy	82.6343, 0.3700, 0.5326
Android (android.graphics.Color)	4290707242 (0xFFBEFF2A)
YUV	211.2830, -83.4565, -18.6652
Hunter-Lab	90.9034, -46.3433, 53.7742

Details

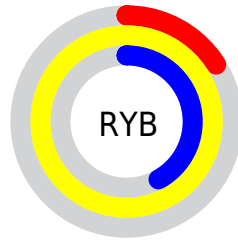
The Hex color **BEFF2A** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **6B2AFF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FBFF6E**, and **83C600** is the 20% darker color. If you saturate the color by 10%, you get **B6FF10**, and if you desaturate by 10%, it is **C6FF43**.

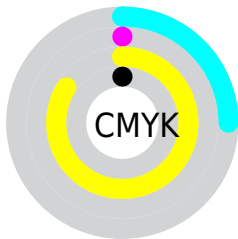
Distribution



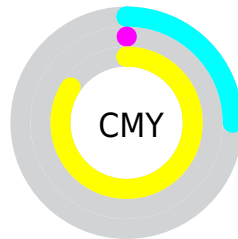
- Red (75%)
- Green (100%)
- Blue (16%)



- Red (16%)
- Yellow (100%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (84%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEFF2A 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 BEFF2A by changing the saturation by 10% instead.

 BEFF2A

 BEFF2A

FFFFFF

 A0E200

 FBFF6E

 83C600

 FFFF8B

 65AA00

 FFFFA9

 479000

 FFFF87

 257500

 FFFF85

 005C00

 004400

 002D00

 001200

 BEFF2A

 BEFF2A

 B6FF10

 C6FF43

 B1FF00

 CEFF5D

 D5FF77

 DDFF90

 E5FFAA

 EDFFC3

 F4FFDD

 FCFFF6

FFFFFF

Harmonies

Analogous

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



FFE500



BEFF2A



00FF85

Triad

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



BEFF2A



00FFFF



FF8BF2

Complementary

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



BEFF2A



6B2AFF

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.



FFA8FF



BEFF2A



00F7FF

Square

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



BEFF2A



00FFFF



E0D3FF



FF9997

Rectangle

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



BEFF2A



00FFC4



E0D3FF



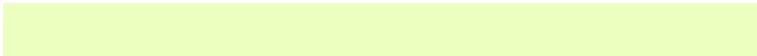
FF90FF

Sweetspot

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



BEFF2A



ECFFBF



FF6A2A



748059



000000



808080

Same Dimension

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



BEFF2A



B1FF00



55FF2A



7C8073



85BF00



2C4000

Inverse Universe

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



6B2AFF



4E00FF



D42AFF



777380



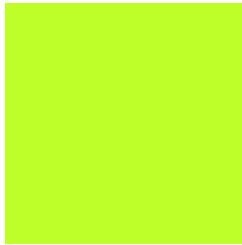
3A00BF



130040

Previews

White Background



This preview shows how the Hex color BEFF2A looks on a white background.

Color Contrast Check

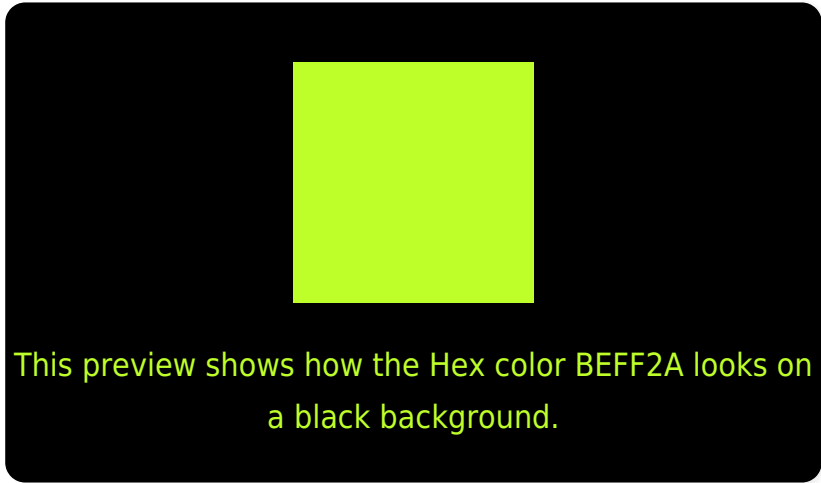
Large Text (above 18pt) WCAG AA × Fail

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 BEFF2A Background



This preview shows how black text looks on a background with the Hex color BEFF2A.

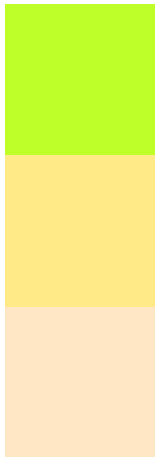


This preview shows how white text looks on a background with the Hex color BEFF2A.

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
BEFF2A

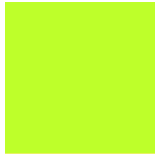
Protanopia
FFEA87

Deuteranopia
FFE6C5



Tritanopia
D6EDFF

Trichromacy



Original Color
BEFF2A



Protanomaly
E7F265

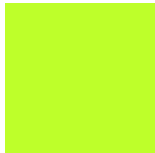


Deuteranomaly
E7EF8D

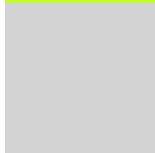


Tritanomaly
CDF4B2

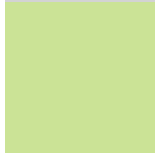
Monochromacy



Original Color
BEFF2A



Achromatopsia
D3D3D3



Achromatomaly
CBE396

CSS Examples

Text

The CSS property to change the color of the text to Hex BEFF2A 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 #BEFF2A looks like.

```
.text, #text, p{  
    color:#BEFF2A  
}
```

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 #BEFF2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFF2A
}
```

Border

The CSS property to change the border of an element to Hex BEFF2A 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
#BEFF2A }
```

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

```
.border{ border-color:#BEFF2A }
```

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

Here you see how a box with a 4 pixel #BEFF2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFF2A; -webkit-box-shadow:4px 4px  
4px 4px #BEFF2A; box-shadow:4px 4px 4px  
4px #BEFF2A }
```

Background

The CSS property to change the background color of an element to Hex BEFF2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFF2A }
```

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

```
.background{ background-color:#BEFF2A }
```

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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