

Converting Colors

Hex(BBF029)

Have a look what the booklet for
Hex(BBF029) contains.

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Color

Hex(BBF029)

Conversions

Conversions Part 1

Format	Color
Hex	BBF029
RGB	187, 240, 41
RGB Percent	73%, 94%, 16%
CMY	0.2667, 0.0588, 0.8392
CMYK	0.22, 0.00, 0.83, 0.06
HSL	76°, 87%, 55%
HSV	76°, 83%, 94%
XYZ	52.0538, 73.0451, 13.4534
YIQ	201.4670, 32.2910, -73.1250

Conversions

Conversions Part 2

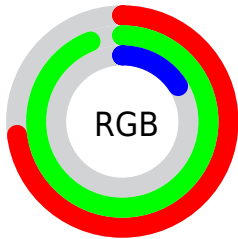
Format	Color
RYB	41, 240, 94
Decimal	12316713
CIELab	88.47, -41.22, 80.51
CIELCh	88, 90.444, 117.112
Yxy	73.0451, 0.3757, 0.5272
Android (android.graphics.Color)	4290506793 (0xFFBBF029)
YUV	201.4670, -79.1102, -12.6876
Hunter-Lab	85.4664, -40.8497, 50.4936

Details

The Hex color **BBF029** 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 **5E29F0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **F7FF6B**, and **80B800** is the 20% darker color. If you saturate the color by 10%, you get **B5F011**, and if you desaturate by 10%, it is **C1F041**.

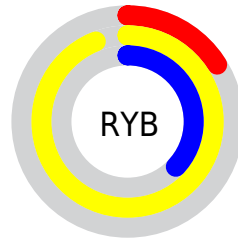
Distribution



Red (73%)

Green (94%)

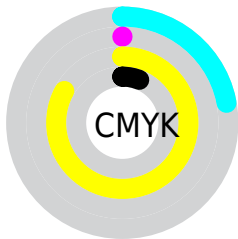
Blue (16%)



Red (16%)

Yellow (94%)

Blue (37%)

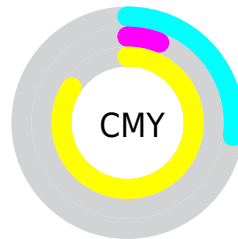


Cyan (22%)

Magenta (0%)

Yellow (83%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBF029 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 BBF029 by changing the saturation by 10% instead.

 BBF029

 BBF029

FFFFFF

 9ED400

 F7FF6B

 80B800

 FFFF88

 639D00

 FFFFA5

 468200

 FFFF83

 266900

 FFFFE1

 005000

 003800

 002400

 000000

 BBF029

 BBF029

 B5F011

 C1F041

 B0F000

 C8F059

 CEF071

 D5F089

 DBF0A1

 E1F0B9

 E8F0D1

 EEF0E9

 F5F0FF

Harmonies

Analogous

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



FFD700



BBF029



24FF7B

Triad

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



BBF029



00FEFF



FF87EA

Complementary

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



BBF029



5E29F0

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.



FFA3FF



BBF029



00EBFF

Square

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



BBF029



00FFFF



CCCBFF



FF9195

Rectangle

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



BBF029



00FFB5



CCCBFF



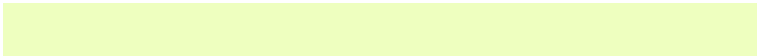
FF8DFF

Sweetspot

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



BBF029



EEFFBF



F05B29



758059



000000



808080

Same Dimension

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



BBF029



BBFF00



5BF029



75786C



87B800



293800

Inverse Universe

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



5E29F0



4400FF



BE29F0



6F6C78



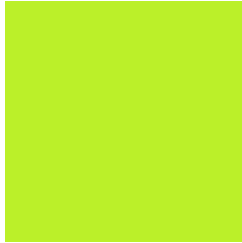
3100B8



0F0038

Previews

White Background



This preview shows how the Hex color BBF029 looks on a white background.

Color Contrast Check

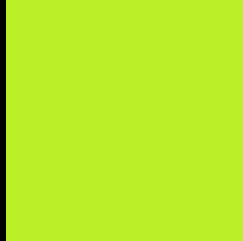
Large Text (above 18pt) WCAG AA × Fail

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 BBF029 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 BBF029 Background



This preview shows how black text looks on a background with the Hex color BBF029.



This preview shows how white text looks on a background with the Hex color BBF029.

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

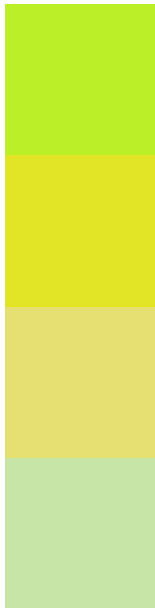


Original Color
BBF029

Protanopia
F9DE24

Deuteranopia
FFD79D

Trichromacy



Original Color
BBF029

Protanomaly
E2E526

Deuteranomaly
E6E073

Tritanomaly
C8E5A8

Monochromacy



Original Color
BBF029

Achromatopsia
C9C9C9

Achromatomaly
C4D78F

CSS Examples

Text

The CSS property to change the color of the text to Hex BBF029 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 #BBF029 looks like.

```
.text, #text, p{  
    color:#BBF029  
}
```

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 #BBF029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBF029
}
```

Border

The CSS property to change the border of an element to Hex BBF029 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
#BBF029 }
```

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

```
.border{ border-color:#BBF029 }
```

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

Here you see how a box with a 4 pixel #BBF029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBF029; -webkit-box-shadow:4px 4px  
4px 4px #BBF029; box-shadow:4px 4px 4px  
4px #BBF029 }
```

Background

The CSS property to change the background color of an element to Hex BBF029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBF029 }
```

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

```
.background{ background-color:#BBF029 }
```

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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