

# Converting Colors

Hex(BAF213)

Have a look what the booklet for  
Hex(BAF213) contains.

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**Color**

**Hex(BAF213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAF213
RGB	186, 242, 19
RGB Percent	73%, 95%, 7%
CMY	0.2706, 0.0510, 0.9255
CMYK	0.23, 0.00, 0.92, 0.05
HSL	75°, 90%, 51%
HSV	75°, 92%, 95%
XYZ	52.1194, 73.9904, 12.1507
YIQ	199.8340, 38.2070, -81.2250

# Conversions

## Conversions Part 2

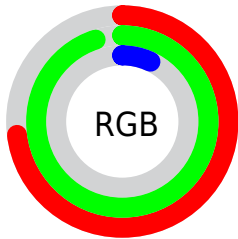
Format	Color
<a href="#">RYB</a>	<a href="#">19, 242, 75</a>
Decimal	<a href="#">12251667</a>
CIELab	<a href="#">88.92, -42.98, 84.60</a>
CIElCh	<a href="#">89, 94.896, 116.932</a>
Yxy	<a href="#">73.9904, 0.3770, 0.5352</a>
Android (android.graphics.Color)	<a href="#">4290441747</a> (0xFFBAF213)
YUV	<a href="#">199.8340, -89.1512, -12.1324</a>
Hunter-Lab	<a href="#">86.0177, -42.3751, 51.8372</a>

# Details

The Hex color **BAF213** 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 **4B13F2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F6FF61**, and **7FBA00** is the 20% darker color. If you saturate the color by 10%, you get **B5F200**, and if you desaturate by 10%, it is **C0F22B**.

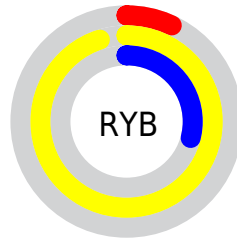
# Distribution



Red (73%)

Green (95%)

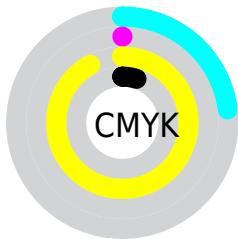
Blue (7%)



Red (7%)

Yellow (95%)

Blue (29%)

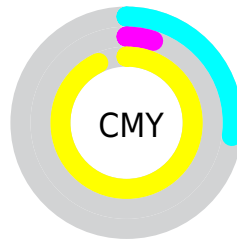


Cyan (23%)

Magenta (0%)

Yellow (92%)

Black (5%)



Cyan (27%)

Magenta (5%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAF213 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 BAF213 by changing the saturation by 10% instead.



 BAF213

 BAF213

FFFFFF

 9CD500

 F6FF61

 7FBA00

 FFFF7F

 619E00

 FFFF9D

 448400

 FFFFBA

 226A00

 FFFFD8

 005200

 FFFFF6

 003A00

 002500

 000000

 BAF213

 BAF213

 B5F200

 C0F22B

 C6F243

 CCF25C

 D2F274

 D8F28C

 DEF2A4

 E5F2BC

 EBF2D5

 F1F2ED

# Harmonies

## Analogous

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



FFD800



BAF213



00FF76

# Triad

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



BAF213



00FFFF



FF81ED

# Complementary

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



BAF213



4B13F2

# 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.



FFA0FF



BAF213



00EDFF

# Square

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



BAF213



00FFFF



C9CBFF



FF8C93

# Rectangle

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



BAF213



00FFB3



C9CBFF



FF88FF



# Sweetspot

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



BAF213



EDFFB8



F24B13



758054



000000



808080



# Same Dimension

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



BAF213



BFFF00



4BF213



75786C



89B800



2A3800



# Inverse Universe

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



4B13F2



4000FF



BA13F2



6F6C78



2E00B8

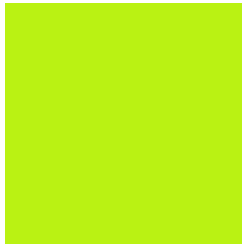


0E0038



# Previews

## White Background



This preview shows how the Hex color BAF213 looks on a white background.

## Color Contrast Check

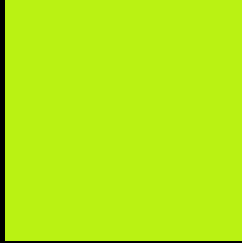
Large Text (above 18pt) WCAG AA × Fail

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 BAF213 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 BAF213 Background



This preview shows how black text looks on a background with the Hex color BAF213.



This preview shows how white text looks on a background with the Hex color BAF213.

# 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



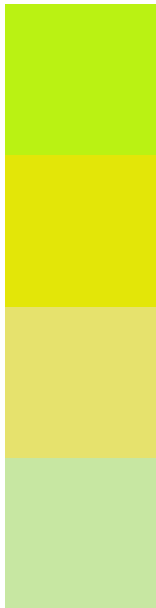
**Original Color**  
BAF213

**Protanopia**  
FBDF02

**Deuteranopia**  
FFD9A1



# Trichromacy



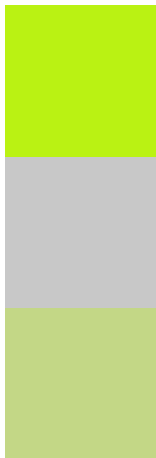
**Original Color**  
BAF213

**Protanomaly**  
E3E608

**Deuteranomaly**  
E6E26D

**Tritanomaly**  
C7E7A2

# Monochromacy



**Original Color**  
BAF213

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C3D786

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAF213 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 #BAF213 looks like.

```
.text, #text, p{  
    color:#BAF213  
}
```

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 #BAF213 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAF213
}
```

## Border

The CSS property to change the border of an element to Hex BAF213 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
#BAF213 }
```

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

```
.border{ border-color:#BAF213 }
```

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

Here you see how a box with a 4 pixel #BAF213 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAF213; -webkit-box-shadow:4px 4px  
4px 4px #BAF213; box-shadow:4px 4px 4px  
4px #BAF213 }
```

# Background

The CSS property to change the background color of an element to Hex BAF213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAF213 }
```

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

```
.background{ background-color:#BAF213 }
```

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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