

# Converting Colors

Hex(BAFE56)

Have a look what the booklet for  
Hex(BAFE56) contains.

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# Color

Hex(BAFE56)

# Conversions

## Conversions Part 1

Format	Color
Hex	BAFE56
RGB	186, 254, 86
RGB Percent	73%, 100%, 34%
CMY	0.2706, 0.0039, 0.6627
CMYK	0.27, 0.00, 0.66, 0.00
HSL	84°, 99%, 67%
HSV	84°, 66%, 100%
XYZ	57.3712, 81.9946, 21.6069
YIQ	214.5160, 13.4000, -66.6640

# Conversions

## Conversions Part 2

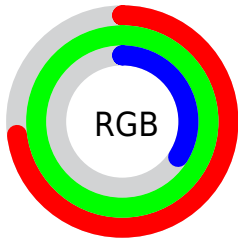
Format	Color
<a href="#">RYB</a>	<a href="#">86, 254, 154</a>
Decimal	<a href="#">12254806</a>
CIELab	<a href="#">92.57, -45.42, 70.54</a>
CIELCh	<a href="#">93, 83.899, 122.781</a>
Yxy	<a href="#">81.9946, 0.3564, 0.5094</a>
Android (android.graphics.Color)	<a href="#">4290444886</a> ( <a href="#">0xFFBAFE56</a> )
YUV	<a href="#">214.5160, -63.3584, -25.0085</a>
Hunter-Lab	<a href="#">90.5509, -45.3700, 49.2381</a>

# Details

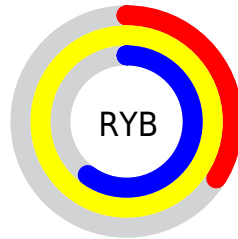
The Hex color **BAFE56** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **9A56FE**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **F6FF8F**, and **80C510** is the 20% darker color. If you saturate the color by 10%, you get **B0FE3D**, and if you desaturate by 10%, it is **C4FE6F**.

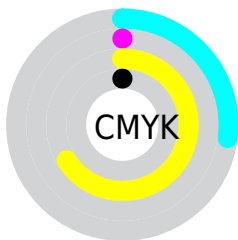
# Distribution



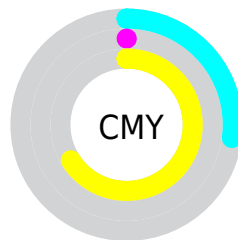
- Red (73%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (60%)



- Cyan (27%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAFE56 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 BAFE56 by changing the saturation by 10% instead.



 BAFE56

 BAFE56

FFFFFF

 9DE138

 F6FF8F

 80C510

 FFFFAC

 63A900

 FFFFC8

 468F00

 FFFF E6

 267400

 005B00

 004300

 002D00

 001000

 BAFE56

 BAFE56

 B0FE3D

 C4FE6F

 A5FE23

 CFFE89

 9BFE0A

 D9FEA2

 97FE00

 E3FEBC

 EDFED5

 F8FEEE

FFFEFF

# Harmonies

## Analogous

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



FFE834



BAFE56



22FF9C

# Triad

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



BAFE56



00FFFF



FF9DE5

# Complementary

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



BAFE56



9A56FE

# 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.



FFAFFF



BAFE56



00F1FF

# Square

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



BAFE56



00FFFF



F5D1FF



FFAA97

# Rectangle

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



BAFE56



00FFD3



F5D1FF



FF9FFF

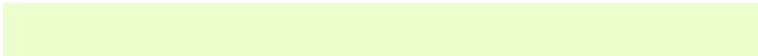


# Sweetspot

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



BAFE56



EAFFCC



FE9956



738061



000000



808080



# Same Dimension

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



BAFE56



ADFF36



67FE56



7A8073



72BF00



264000



# Inverse Universe

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



9A56FE



8736FF



ED56FE



787380



4D00BF

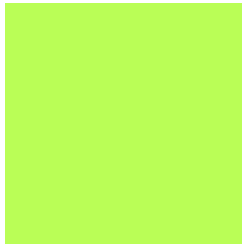


1A0040



# Previews

## White Background



This preview shows how the Hex color BAFE56 looks on a white background.

## Color Contrast Check

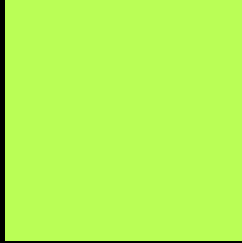
Large Text (above 18pt) WCAG AA × Fail

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 BAFE56 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 BAFE56 Background



This preview shows how black text looks on a background with the Hex color BAFE56.

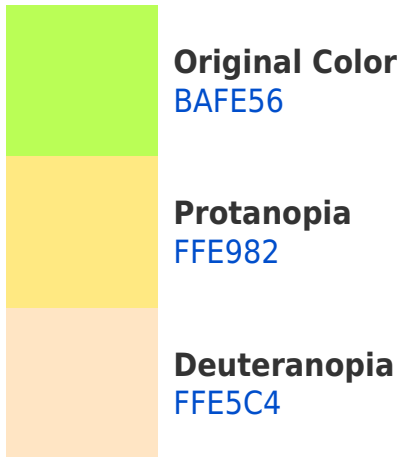


This preview shows how white text looks on a background with the Hex color BAFE56.

# 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](#).

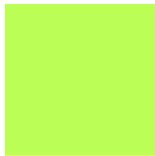
## Dichromacy



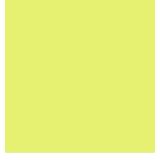


**Tritanopia**  
D1EDFF

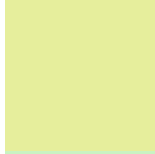
# Trichromacy



**Original Color**  
BAFE56



**Protanomaly**  
E6F172

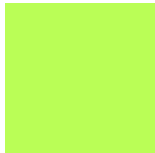


**Deuteranomaly**  
E6EE9C

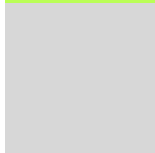


**Tritanomaly**  
C9F3C2

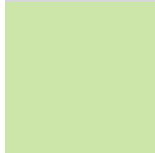
# Monochromacy



**Original Color**  
BAFE56



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
CCE5A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAFE56 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 #BAFE56 looks like.

```
.text, #text, p{  
    color:#BAFE56  
}
```

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 #BAFE56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAFE56
}
```

## Border

The CSS property to change the border of an element to Hex BAFE56 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
#BAFE56 }
```

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

```
.border{ border-color:#BAFE56 }
```

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

Here you see how a box with a 4 pixel #BAFE56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAFE56; -webkit-box-shadow:4px 4px  
4px 4px #BAFE56; box-shadow:4px 4px 4px  
4px #BAFE56 }
```

# Background

The CSS property to change the background color of an element to Hex BAFE56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAFE56 }
```

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

```
.background{ background-color:#BAFE56 }
```

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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