

Converting Colors

Hex(BFD96F)

Have a look what the booklet for
Hex(BFD96F) contains.

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Color

Hex(BFD96F)

Conversions

Conversions Part 1	
Format	Color
Hex	BFD96F
RGB	191, 217, 111
RGB Percent	75%, 85%, 44%
CMY	0.2510, 0.1490, 0.5647
CMYK	0.12, 0.00, 0.49, 0.15
HSL	75°, 58%, 64%
HSV	75°, 49%, 85%
XYZ	49.1680, 61.8498, 24.3857
YIQ	197.1420, 18.5300, -38.4780

Conversions

Conversions Part 2

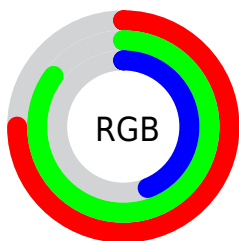
Format	Color
RYB	111, 217, 137
Decimal	12573039
CIELab	82.83, -24.63, 48.95
CIELCh	83, 54.794, 116.712
Yxy	61.8498, 0.3631, 0.4568
Android (android.graphics.Color)	4290763119 (0xFFBFD96F)
YUV	197.1420, -42.4680, -5.3865
Hunter-Lab	78.6446, -26.0314, 36.6669

Details

The Hex color **BFD96F** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **896FD9**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **F9FFA5**, and **88A23B** is the 20% darker color. If you saturate the color by 10%, you get **BAD959**, and if you desaturate by 10%, it is **C4D985**.

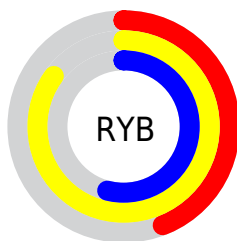
Distribution



Red (75%)

Green (85%)

Blue (44%)



Red (44%)

Yellow (85%)

Blue (54%)

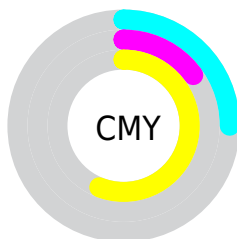


Cyan (12%)

Magenta (0%)

Yellow (49%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFD96F 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 BFD96F by changing the saturation by 10% instead.

 BFD96F

FFFFFF

 F9FFA5

 FFFFC1

 FFFFDD

 FFFFFA

 BFD96F

 A3BD55

 88A23B

 6D8820

 526E00

 395600

 1F3F00

 022800

 001200

 000000

 BFD96F

 BFD96F

 BAD959

 C4D985

 B4D944

 CAD99A

 AFD92E

 CFD9B0

 AAD918

 D4D9C6

 A4D903

 DAD9DC

 A4D900

 DFD9F1

 E4D9FF

 EAD9FF

 EFD9FF

Harmonies

Analogous

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



F2C965



BFD96F



80E394

Triad

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



BFD96F



00E2FF



FFA4D6

Complementary

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



BFD96F



896FD9

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.



FFB0FF



BFD96F



68D5FF

Square

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



BFD96F



00E8FB



CAC3FF



FFA7A3

Rectangle

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



BFD96F



44E7B5



CAC3FF



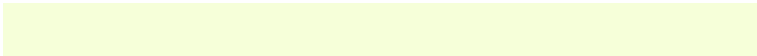
FFA6E7

Sweetspot

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



BFD96F



F6FFD9



D9886F



7A8069



000000



808080

Same Dimension

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



BFD96F



DAFF69



8BD96F



6B6E63



83AD00



232E00

Inverse Universe

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



896FD9



8D69FF



BD6FD9



65636E



2B00AD



0B002E

Previews

White Background



This preview shows how the Hex color BFD96F 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 BFD96F 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 BFD96F Background



This preview shows how black text looks on a background with the Hex color BFD96F.



This preview shows how white text looks on a background with the Hex color BFD96F.

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




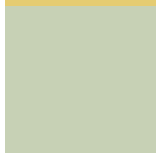


Original Color
BFD96F


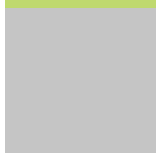

Protanopia
E3CE6B

Deuteranopia
FBC474

Trichromacy

	Original Color BFD96F
	Protanomaly D6D26C
	Deuteranomaly E5CC72
	Tritanomaly C7D1B5

Monochromacy

	Original Color BFD96F
	Achromatopsia C5C5C5
	Achromatomaly C3CCA6

CSS Examples

Text

The CSS property to change the color of the text to Hex BFD96F 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 #BFD96F looks like.

```
.text, #text, p{  
    color:#BFD96F  
}
```

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 #BFD96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFD96F
}
```

Border

The CSS property to change the border of an element to Hex BFD96F 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
#BFD96F }
```

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

```
.border{ border-color:#BFD96F }
```

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

Here you see how a box with a 4 pixel #BFD96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFD96F; -webkit-box-shadow:4px 4px  
4px 4px #BFD96F; box-shadow:4px 4px 4px  
4px #BFD96F }
```

Background

The CSS property to change the background color of an element to Hex BFD96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFD96F }
```

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

```
.background{ background-color:#BFD96F }
```

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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