

Converting Colors

Hex(BFDB20)

Have a look what the booklet for
Hex(BFDB20) contains.

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Color

Hex(BFDB20)

Conversions

Conversions Part 1

Format	Color
Hex	BFDB20
RGB	191, 219, 32
RGB Percent	75%, 86%, 13%
CMY	0.2510, 0.1412, 0.8745
CMYK	0.13, 0.00, 0.85, 0.14
HSL	69°, 75%, 49%
HSV	69°, 85%, 86%
XYZ	47.0781, 61.8437, 10.8222
YIQ	189.3100, 43.3390, -64.0930

Conversions

Conversions Part 2

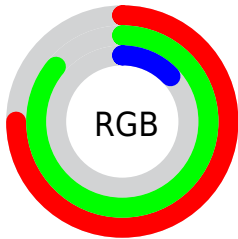
Format	Color
R _Y B	32, 219, 60
Decimal	12573472
CIE Lab	82.83, -30.39, 77.75
CIE LCh	83, 83.480, 111.345
Yxy	61.8437, 0.3932, 0.5165
Android (android.graphics.Color)	4290763552 (0xFFBFDB20)
YUV	189.3100, -77.5538, 1.4821
Hunter-Lab	78.6408, -30.7628, 46.8893

Details

The Hex color **BFDB20** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **3C20DB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FBFF63**, and **85A400** is the 20% darker color. If you saturate the color by 10%, you get **BCDB0A**, and if you desaturate by 10%, it is **C2DB36**.

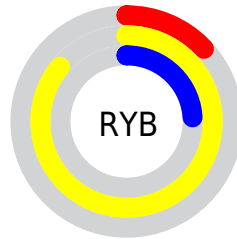
Distribution



Red (75%)

Green (86%)

Blue (13%)



Red (13%)

Yellow (86%)

Blue (24%)

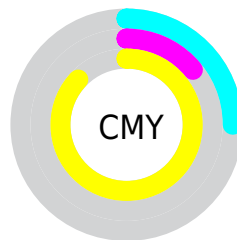


Cyan (13%)

Magenta (0%)

Yellow (85%)

Black (14%)



Cyan (25%)

Magenta (14%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFDB20 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 BFDB20 by changing the saturation by 10% instead.

 BFDB20

 BFDB20

FFFFFF

 A2BF00

 FBFF63

 85A400

 FFFF80

 688A00

 FFFF9D

 4D7000

 FFFFBA

 305800

 FFFFFD7

 114000

 FFFFF5

 002A00

 001200

 000000

 BFDB20

 BFDB20

 BCDB0A

 C2DB36

 BADB00

 C6DB4C

 C9DB62

 CCDB78

 CFDB8D

 D3DBA3

 D6DBB9

 D9DBC F

 DDDBE5

Harmonies

Analogous

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



FFC214



BFDB20



57EA66

Triad

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



BFDB20



00EDFF



FF83E8

Complementary

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



BFDB20



3C20DB

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



BFDB20



00DEFF

Square

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



BFDB20



00F3FF



A1C3FF



FF859A

Rectangle

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



BFDB20



00F099



A1C3FF



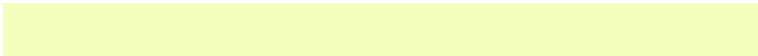
FF8AFF

Sweetspot

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



BFDB20



F5FFBD



DB3920



7A8058



000000



808080

Same Dimension

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



BFDB20



D9FF00



65DB20



6C6E63



93AD00



272E00

Inverse Universe

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



3C20DB



2600FF



9620DB



64636E



1A00AD



07002E

Previews

White Background



This preview shows how the Hex color BFDB20 looks on a white background.

Color Contrast Check

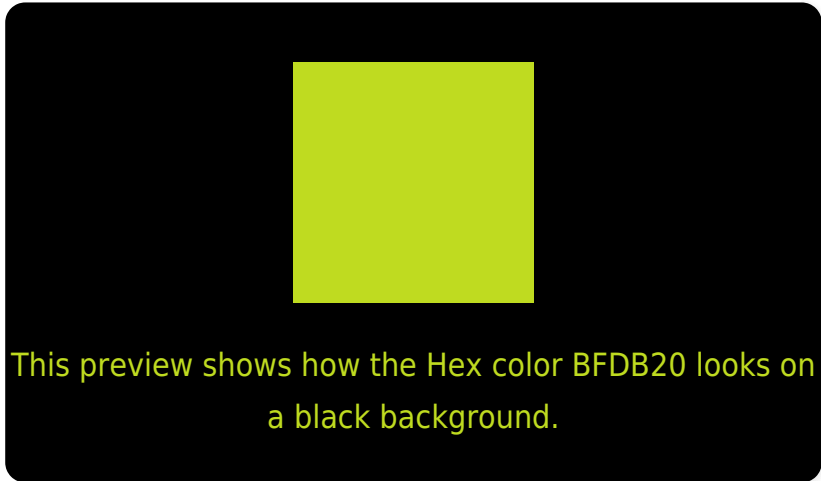
Large Text (above 18pt) WCAG AA × Fail

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 BFDB20 Background



This preview shows how black text looks on a background with the Hex color BFDB20.



This preview shows how white text looks on a background with the Hex color BFDB20.

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

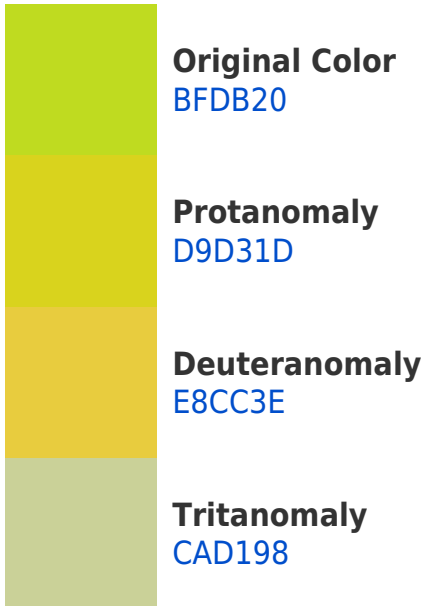


Original Color
BFDB20

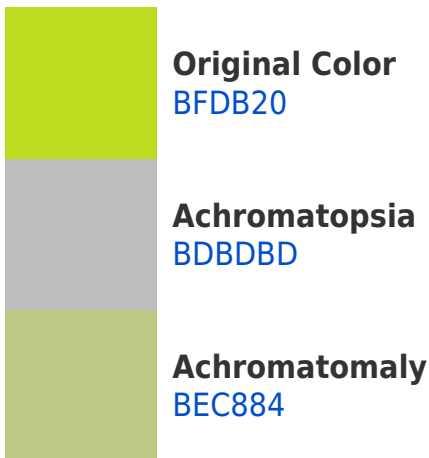
Protanopia
E8CE1C

Deuteranopia
FFC44F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFDB20 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 #BFDB20 looks like.

```
.text, #text, p{  
    color:#BFDB20  
}
```

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 #BFDB20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFDB20
}
```

Border

The CSS property to change the border of an element to Hex BFDB20 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
#BFDB20 }
```

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

```
.border{ border-color:#BFDB20 }
```

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

Here you see how a box with a 4 pixel #BFDB20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFDB20; -webkit-box-shadow:4px 4px  
4px 4px #BFDB20; box-shadow:4px 4px 4px  
4px #BFDB20 }
```

Background

The CSS property to change the background color of an element to Hex BFDB20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFDB20 }
```

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

```
.background{ background-color:#BFDB20 }
```

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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