

Converting Colors

Hex(B9F761)

Have a look what the booklet for
Hex(B9F761) contains.

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Color

Hex(**B9F761**)

Conversions

Conversions Part 1

Format	Color
Hex	B9F761
RGB	185, 247, 97
RGB Percent	73%, 97%, 38%
CMY	0.2745, 0.0314, 0.6196
CMYK	0.25, 0.00, 0.61, 0.03
HSL	85°, 90%, 67%
HSV	85°, 61%, 97%
XYZ	55.4260, 77.6989, 23.3854
YIQ	211.3620, 11.1980, -59.7940

Conversions

Conversions Part 2

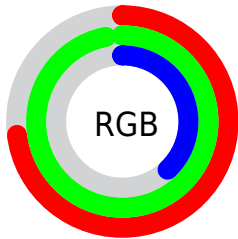
Format	Color
RYB	97, 247, 159
Decimal	12187489
CIELab	90.64, -41.94, 64.09
CIELCh	91, 76.593, 123.196
Yxy	77.6989, 0.3541, 0.4964
Android (android.graphics.Color)	4290377569 (0xFFB9F761)
YUV	211.3620, -56.3805, -23.1195
Hunter-Lab	88.1470, -42.0180, 45.9732

Details

The Hex color **B9F761** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9F61F7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **F4FF99**, and **80BE26** is the 20% darker color. If you saturate the color by 10%, you get **AFF748**, and if you desaturate by 10%, it is **C3F77A**.

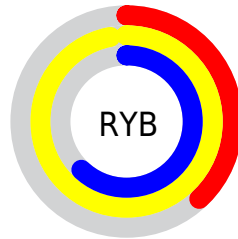
Distribution



Red (73%)

Green (97%)

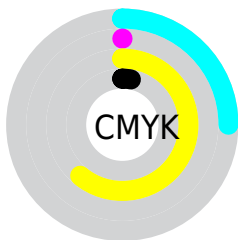
Blue (38%)



Red (38%)

Yellow (97%)

Blue (62%)

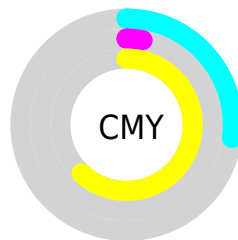


Cyan (25%)

Magenta (0%)

Yellow (61%)

Black (3%)



Cyan (27%)

Magenta (3%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color B9F761 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 B9F761 by changing the saturation by 10% instead.

 B9F761

 B9F761

FFFFFF

 9CDA45

 F4FF99

 80BE26

 FFFFB5

 64A300

 FFFF D2

 478800

 FFFF E F

 2A6F00

 005600

 003E00

 002900

 000400

 B9F761

 B9F761

 AFF748

 C3F77A

 A5F730

 CDF792

 9AF717

 D8F7AB

 91F700

 E2F7C4

 ECF7DC

 F6F7F5

 FFF7FF

Harmonies

Analogous

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



FFE345



B9F761



43FF9F

Triad

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



B9F761



00DFF



FFA1DF

Complementary

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



B9F761



9F61F7

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



B9F761



4AEAFF

Square

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



B9F761



00FFFF



F1CDFE



FFAC98

Rectangle

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



B9F761



00FFD0



F1CDFF



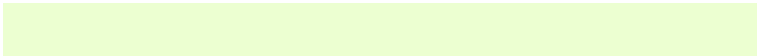
FFA3F8

Sweetspot

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



B9F761



ECFFD1



F79D61



748063



000000



808080

Same Dimension

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



B9F761



B2FF45



70F761



757A6E



6DBA00



223B00

Inverse Universe

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



9F61F7



9245FF



E861F7



736E7A



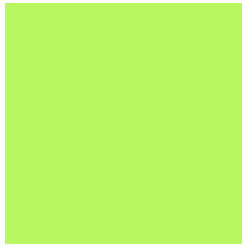
4D00BA



18003B

Previews

White Background



This preview shows how the Hex color B9F761 looks on a white background.

Color Contrast Check

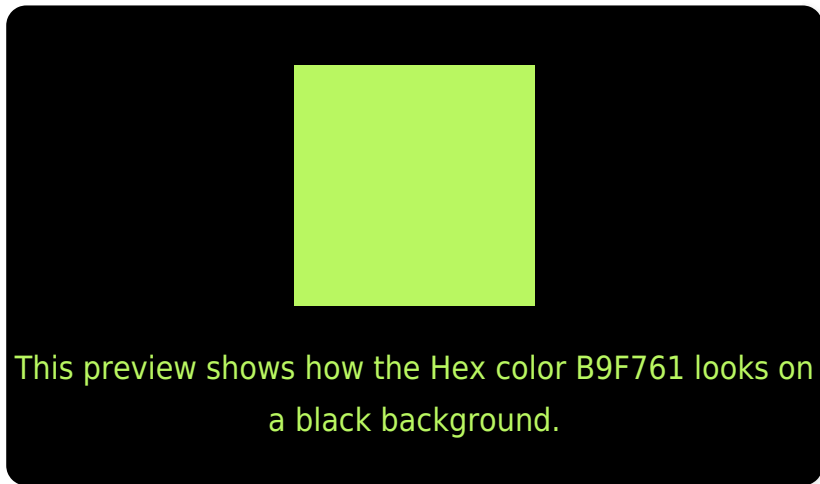
Large Text (above 18pt) WCAG AA × Fail

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

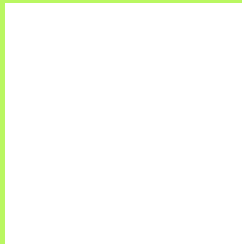
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B9F761 Background



This preview shows how black text looks on a background with the Hex color B9F761.

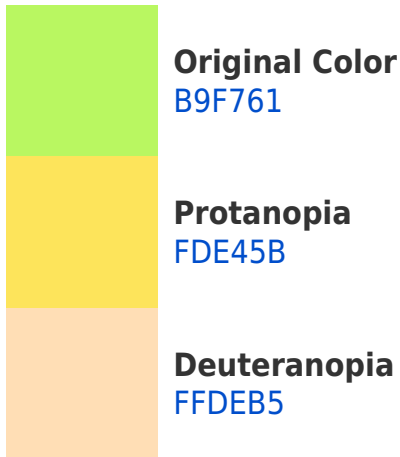


This preview shows how white text looks on a background with the Hex color B9F761.

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



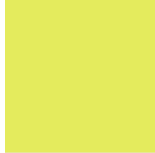


Tritanopia
CDE8FA

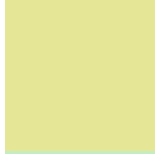
Trichromacy



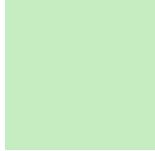
Original Color
B9F761



Protanomaly
E4EB5D



Deuteranomaly
E6E796

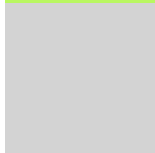


Tritanomaly
C6EDC2

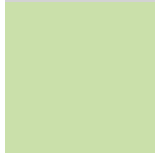
Monochromacy



Original Color
B9F761



Achromatopsia
D3D3D3



Achromatomaly
CAE0AA

CSS Examples

Text

The CSS property to change the color of the text to Hex B9F761 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 #B9F761 looks like.

```
.text, #text, p{  
    color:#B9F761  
}
```

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 #B9F761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9F761
}
```

Border

The CSS property to change the border of an element to Hex B9F761 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
#B9F761 }
```

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

```
.border{ border-color:#B9F761 }
```

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

Here you see how a box with a 4 pixel #B9F761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9F761; -webkit-box-shadow:4px 4px  
4px 4px #B9F761; box-shadow:4px 4px 4px  
4px #B9F761 }
```

Background

The CSS property to change the background color of an element to Hex B9F761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9F761 }
```

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

```
.background{ background-color:#B9F761 }
```

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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