

Converting Colors

Hex(9BD754)

Have a look what the booklet for
Hex(9BD754) contains.

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Color

Hex(9BD754)

Conversions

Conversions Part 1

Format	Color
Hex	9BD754
RGB	155, 215, 84
RGB Percent	61%, 84%, 33%
CMY	0.3922, 0.1569, 0.6706
CMYK	0.28, 0.00, 0.61, 0.16
HSL	87°, 62%, 59%
HSV	87°, 61%, 84%
XYZ	39.4182, 56.2095, 17.1595
YIQ	182.1260, 6.2910, -53.4610

Conversions

Conversions Part 2

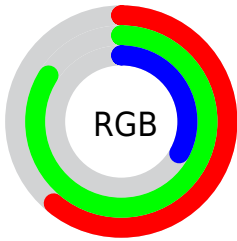
Format	Color
RYB	84, 215, 144
Decimal	10213204
CIELab	79.73, -39.77, 57.03
CIELCh	80, 69.526, 124.894
Yxy	56.2095, 0.3495, 0.4984
Android (android.graphics.Color)	4288403284 (0xFF9BD754)
YUV	182.1260, -48.3761, -23.7895
Hunter-Lab	74.9730, -37.3536, 38.9111

Details

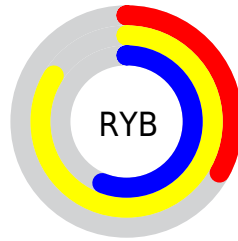
The Hex color **9BD754** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9054D7**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **D4FF8A**, and **63A01A** is the 20% darker color. If you saturate the color by 10%, you get **91D73F**, and if you desaturate by 10%, it is **A5D76A**.

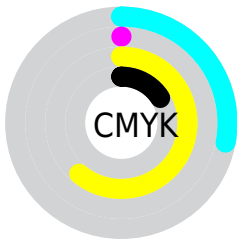
Distribution



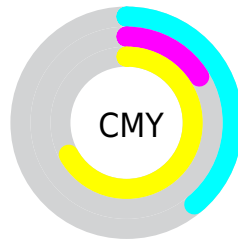
- Red (61%)
- Green (84%)
- Blue (33%)



- Red (33%)
- Yellow (84%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (61%)
- Black (16%)



- Cyan (39%)
- Magenta (16%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BD754 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 9BD754 by changing the saturation by 10% instead.

 9BD754

 9BD754

FFFFFF

 7FBB39

 D4FF8A

 63A01A

 F2FFA6

 488500

 FFFFC2

 2B6C00

 FFFFDF

 065300

 FFFFFC

 003B00

 002700

 000000

 9BD754

 9BD754

 91D73F

 A5D76A

 87D729

 AFD77F

 7DD714

 B9D795

 75D700

 C2D7AA

 CCD7C0

 D6D7D5

 E0D7EB

 EAD7FF

 F4D7FF

Harmonies

Analogous

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



DEC639



9BD754



27E18C

Triad

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



9BD754



00DBFF



FF8ABE

Complementary

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



9BD754



9054D7

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.



FF96FE



9BD754



4BC9FF

Square

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



9BD754



00E3FF



D6B0FF



FF957F

Rectangle

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



9BD754



00E4B8



D6B0FF



FF8BD4

Sweetspot

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



9BD754



EAFD1



D78F54



738063



000000



808080

Same Dimension

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



9BD754



AAFF45



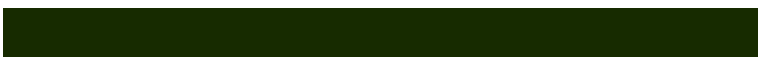
5BD754



666B60



5DAB00



172B00

Inverse Universe

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



9054D7



9A45FF



D054D7



65606B



4E00AB



14002B

Previews

White Background



This preview shows how the Hex color 9BD754 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 9BD754 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 9BD754 Background



This preview shows how black text looks on a background with the Hex color 9BD754.

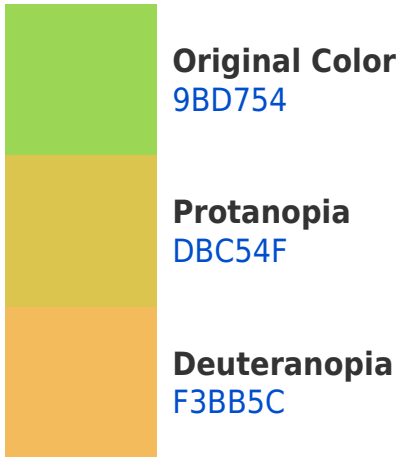


This preview shows how white text looks on a background with the Hex color 9BD754.

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](#).

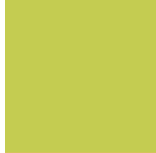
Dichromacy



Trichromacy



Original Color
9BD754



Protanomaly
C4CC51



Deuteranomaly
D3C559

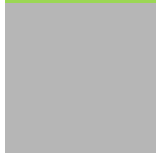


Tritanomaly
A6CFA9

Monochromacy



Original Color
9BD754



Achromatopsia
B6B6B6



Achromatomaly
ACC292

CSS Examples

Text

The CSS property to change the color of the text to Hex 9BD754 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 #9BD754 looks like.

```
.text, #text, p{  
    color:#9BD754  
}
```

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 #9BD754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BD754
}
```

Border

The CSS property to change the border of an element to Hex 9BD754 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
#9BD754 }
```

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

```
.border{ border-color:#9BD754 }
```

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

Here you see how a box with a 4 pixel #9BD754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BD754; -webkit-box-shadow:4px 4px  
4px 4px #9BD754; box-shadow:4px 4px 4px  
4px #9BD754 }
```

Background

The CSS property to change the background color of an element to Hex 9BD754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BD754 }
```

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

```
.background{ background-color:#9BD754 }
```

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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