

Converting Colors

Hex(9DDB57)

Have a look what the booklet for
Hex(9DDB57) contains.

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Color

Hex(9DDB57)

Conversions

Conversions Part 1

Format	Color
Hex	9DDB57
RGB	157, 219, 87
RGB Percent	62%, 86%, 34%
CMY	0.3843, 0.1412, 0.6588
CMYK	0.28, 0.00, 0.60, 0.14
HSL	88°, 65%, 60%
HSV	88°, 60%, 86%
XYZ	40.9564, 58.5193, 18.1535
YIQ	185.4140, 5.4200, -54.1960

Conversions

Conversions Part 2

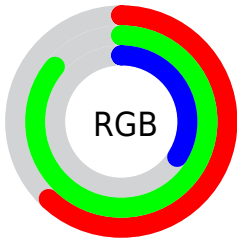
Format	Color
RYB	87, 219, 149
Decimal	10345303
CIELab	81.03, -40.56, 57.21
CIElCh	81, 70.130, 125.336
Yxy	58.5193, 0.3482, 0.4975
Android (android.graphics.Color)	4288535383 (0xFF9DDB57)
YUV	185.4140, -48.5181, -24.9191
Hunter-Lab	76.4979, -38.3036, 39.4785

Details

The Hex color **9DDB57** 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 **9557DB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D7FF8D**, and **65A41E** is the 20% darker color. If you saturate the color by 10%, you get **93DB41**, and if you desaturate by 10%, it is **A7DB6D**.

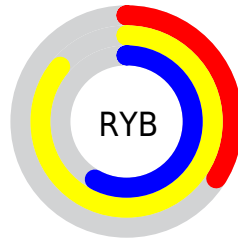
Distribution



Red (62%)

Green (86%)

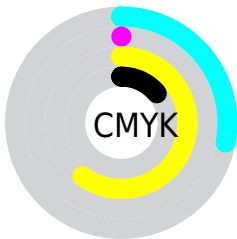
Blue (34%)



Red (34%)

Yellow (86%)

Blue (58%)

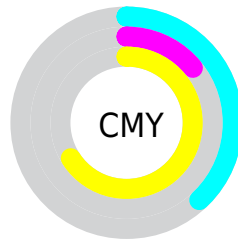


Cyan (28%)

Magenta (0%)

Yellow (60%)

Black (14%)



Cyan (38%)

Magenta (14%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DDB57 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 9DDB57 by changing the saturation by 10% instead.

 9DDB57

 9DDB57

FFFFFF

 81BF3C

 D7FF8D

 65A41E

 F4FFA9

 498900

 FFFFC5


 2C6F00

 FFFF E2

 095600

 003E00

 002900

 000700

 000000

 9DDB57

 9DDB57

 93DB41

 A7DB6D

 88DB2B

 B2DB83

 7EDB15

 BCDB99

 74DB00

 C6DBAF

 D0DBC4

 DBDBDA

 E5DBF0

 EFDBFF

 FADBFF

Harmonies

Analogous

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



E2CA3B



9DDB57



26E590

Triad

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



9DDB57



00DEFF



FF8DC0

Complementary

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



9DDB57



9557DB

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.



FF98FF



9DDB57



52CFFF

Square

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



9DDB57



00E7FF



DBB3FF



FF9981

Rectangle

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



9DDB57



00E8BC



DBB3FF



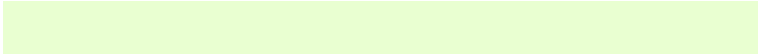
FF8ED6

Sweetspot

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



9DDB57



E9FFD1



DB9557



728063



000000



808080

Same Dimension

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



9DDB57



A9FF47



5BDB57



686E63



5CAD00



182E00

Inverse Universe

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



9557DB



9E47FF



D757DB



68636E



5100AD



16002E

Previews

White Background



This preview shows how the Hex color 9DDB57 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 9DDB57 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 9DDB57 Background



This preview shows how black text looks on a background with the Hex color 9DDB57.

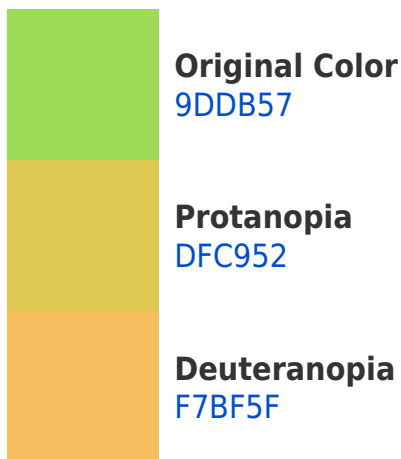


This preview shows how white text looks on a background with the Hex color 9DDB57.

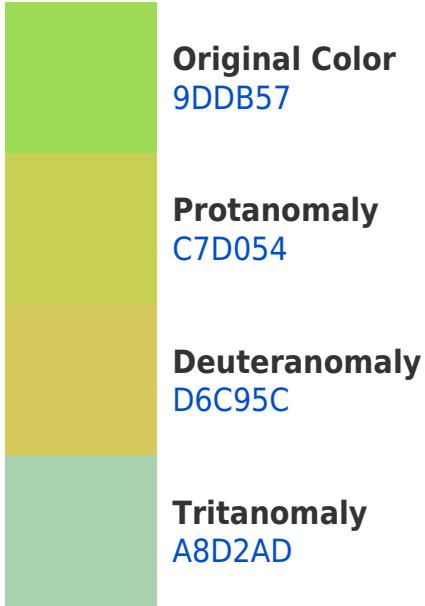
Color Blindness Simulation

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](#).

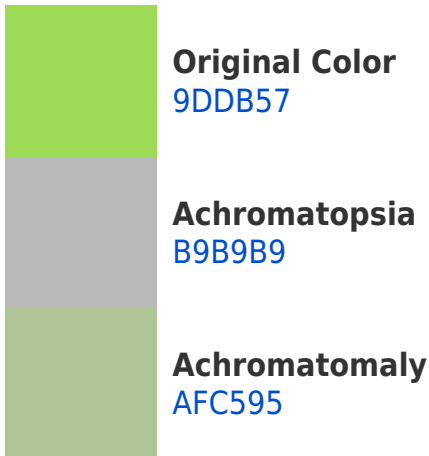
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DDB57 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 #9DDB57 looks like.

```
.text, #text, p{  
    color:#9DDB57  
}
```

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 #9DDB57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DDB57
}
```

Border

The CSS property to change the border of an element to Hex 9DDB57 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
#9DDB57 }
```

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

```
.border{ border-color:#9DDB57 }
```

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

Here you see how a box with a 4 pixel #9DDB57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DDB57; -webkit-box-shadow:4px 4px  
4px 4px #9DDB57; box-shadow:4px 4px 4px  
4px #9DDB57 }
```

Background

The CSS property to change the background color of an element to Hex 9DDB57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DDB57 }
```

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

```
.background{ background-color:#9DDB57 }
```

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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