

# Converting Colors

Hex(9DB519)

Have a look what the booklet for  
Hex(9DB519) contains.

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**Color**

**Hex(9DB519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DB519
RGB	157, 181, 25
RGB Percent	62%, 71%, 10%
CMY	0.3843, 0.2902, 0.9020
CMYK	0.13, 0.00, 0.86, 0.29
HSL	69°, 76%, 40%
HSV	69°, 86%, 71%
XYZ	30.6040, 40.2860, 7.0827
YIQ	156.0400, 35.7720, -53.6040

# Conversions

## Conversions Part 2

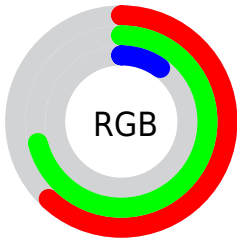
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 181, 49
Decimal	10335513
CIELab	69.67, -26.58, 67.28
CIELCh	70, 72.336, 111.556
Yxy	40.2860, 0.3925, 0.5167
Android (android.graphics.Color)	4288525593 (0xFF9DB519)
YUV	156.0400, -64.6027, 0.8419
Hunter-Lab	63.4713, -25.0073, 37.8138

# Details

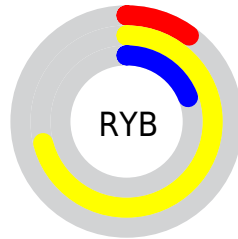
The Hex color **9DB519** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3119B5**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D7ED58**, and **658000** is the 20% darker color. If you saturate the color by 10%, you get **9AB507**, and if you desaturate by 10%, it is **A0B52B**.

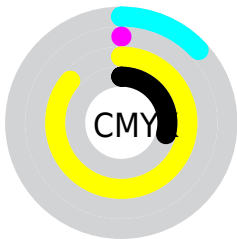
# Distribution



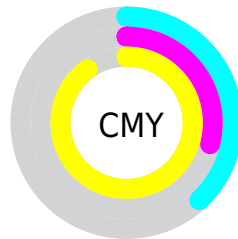
- Red (62%)
- Green (71%)
- Blue (10%)



- Red (10%)
- Yellow (71%)
- Blue (19%)



- Cyan (13%)
- Magenta (0%)
- Yellow (86%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9DB519 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 9DB519 by changing the saturation by 10% instead.





9DB519



9DB519

FFFFFF



819A00



D7ED58



658000



F5FF74



4A6700



FFFF90



2E4F00



FFFFAC



123800



FFFFC9



002300



FFFFE6



000000



9DB519



9DB519



9AB507



A0B52B

 99B500

 A3B53D

 A5B54F

 A8B561

 ABB574

 AEB586

 B0B598

 B3B5AA

 B6B5BC

# Harmonies

## Analogous

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



DAA10F



9DB519



45C253

# Triad

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



9DB519



00C4FF



FF6BC0

# Complementary

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



9DB519



3119B5

# 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.



E783FD



9DB519



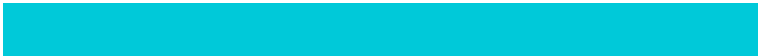
00B7FF

# Square

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



9DB519



00C9D9



85A1FF



FF6D7E

# Rectangle

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



9DB519



00C67E



85A1FF



FF71D5



# Sweetspot

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



9DB519



E1EBAE



B53019



707551



F5F5F5



757575



# Same Dimension

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



9DB519



C7EB00



50B519



585950



819900



161A00



# Inverse Universe

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



3119B5



2400EB



7E19B5



525059



180099



04001A



# Previews

## White Background



This preview shows how the Hex color 9DB519 looks on a white background.

## Color Contrast Check

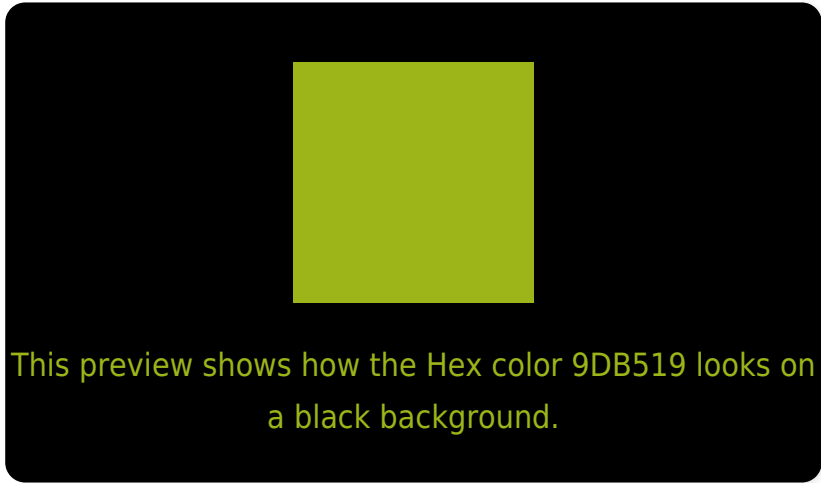
Large Text (above 18pt) WCAG AA × Fail

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 9DB519 Background



This preview shows how black text looks on a background with the Hex color 9DB519.

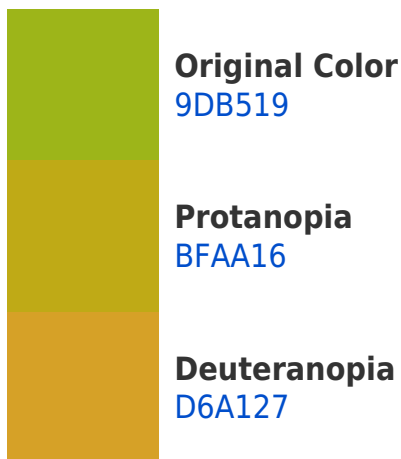



This preview shows how white text looks on a background with the Hex color 9DB519.

# 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](#).

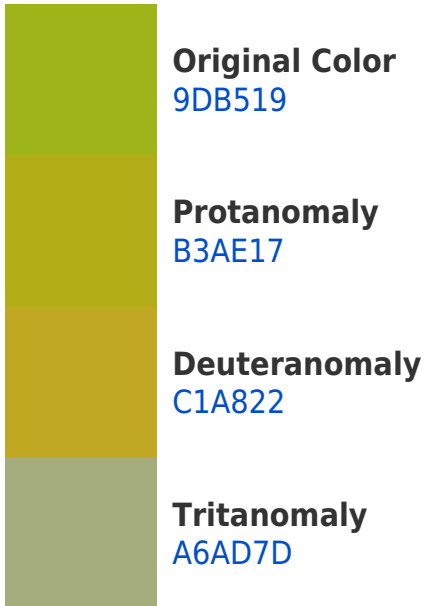
## Dichromacy





**Tritanopia**  
ABA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9DB519 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 #9DB519 looks like.

```
.text, #text, p{  
    color:#9DB519  
}
```

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 #9DB519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DB519
}
```

## Border

The CSS property to change the border of an element to Hex 9DB519 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
#9DB519 }
```

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

```
.border{ border-color:#9DB519 }
```

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

Here you see how a box with a 4 pixel #9DB519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DB519; -webkit-box-shadow:4px 4px  
4px 4px #9DB519; box-shadow:4px 4px 4px  
4px #9DB519 }
```

# Background

The CSS property to change the background color of an element to Hex 9DB519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DB519 }
```

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

```
.background{ background-color:#9DB519 }
```

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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