

Converting Colors

Hex(9DC65B)

Have a look what the booklet for
Hex(9DC65B) contains.

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Color

Hex(9DC65B)

Conversions

Conversions Part 1

Format	Color
Hex	9DC65B
RGB	157, 198, 91
RGB Percent	62%, 78%, 36%
CMY	0.3843, 0.2235, 0.6431
CMYK	0.21, 0.00, 0.54, 0.22
HSL	83°, 48%, 57%
HSV	83°, 54%, 78%
XYZ	35.9870, 48.3116, 17.3259
YIQ	173.5430, 9.9110, -41.9690

Conversions

Conversions Part 2

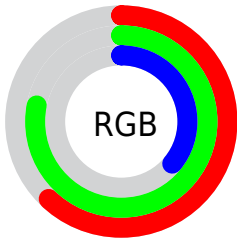
Format	Color
RYB	91, 198, 132
Decimal	10339931
CIELab	75.02, -30.61, 48.55
CIElCh	75, 57.399, 122.230
Yxy	48.3116, 0.3541, 0.4754
Android (android.graphics.Color)	4288530011 (0xFF9DC65B)
YUV	173.5430, -40.6937, -14.5082
Hunter-Lab	69.5065, -29.2180, 33.8754

Details

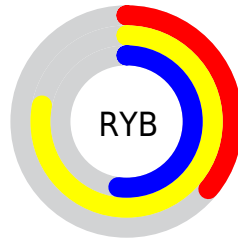
The Hex color **9DC65B** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **845BC6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D6FF90**, and **679027** is the 20% darker color. If you saturate the color by 10%, you get **95C647**, and if you desaturate by 10%, it is **A5C66F**.

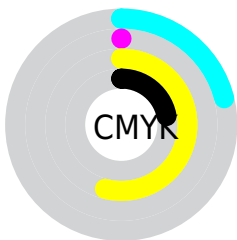
Distribution



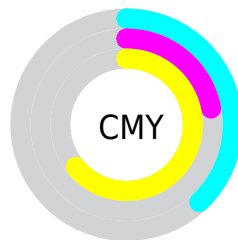
- Red (62%)
- Green (78%)
- Blue (36%)



- Red (36%)
- Yellow (78%)
- Blue (52%)



- Cyan (21%)
- Magenta (0%)
- Yellow (54%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DC65B 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 9DC65B by changing the saturation by 10% instead.

 9DC65B

 9DC65B

FFFFFF

 82AB41

 D6FF90

 679027

 F3FFAB

 4C7606

 FFFFC7

 325D00

 FFFF E4

 184500

 002E00

 001A00

 000000

 9DC65B

 9DC65B

■ 95C647

■ A5C66F

■ 8EC633

■ ACC683

■ 86C620

■ B4C696

■ 7FC60C

■ BBC6AA

■ 7AC600

■ C3C6BE

■ CBC6D2

■ D2C6E6

■ DAC6F9

■ E1C6FF

Harmonies

Analogous

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



D3B74A



9DC65B



54CF85

Triad

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



9DC65B



00CBFF



FF8BB7

Complementary

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



9DC65B



845BC6

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.



FD95EB



9DC65B



5ABDFF

Square

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



9DC65B



00D2F0



C1A9FF



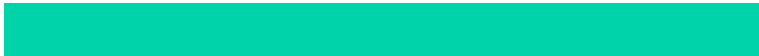
FF9283

Rectangle

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



9DC65B



00D2A9



C1A9FF



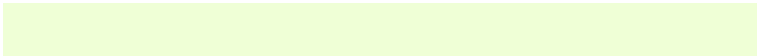
FF8CC9

Sweetspot

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



9DC65B



EFFFD6



C6825B



768067



000000



808080

Same Dimension

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



9DC65B



BFFF59



69C65B



60635A



65A300



162400

Inverse Universe

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



845BC6



9959FF



B85BC6



5D5A63



3F00A3



0E0024

Previews

White Background



This preview shows how the Hex color 9DC65B 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 9DC65B 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 9DC65B Background



This preview shows how black text looks on a background with the Hex color 9DC65B.

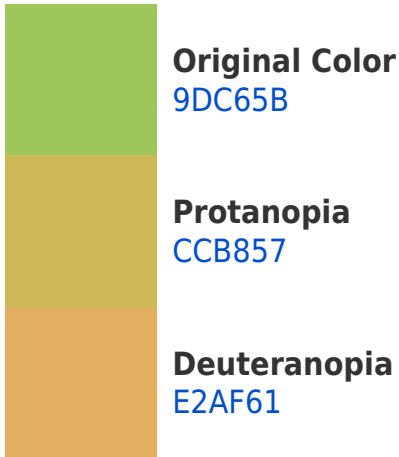


This preview shows how white text looks on a background with the Hex color 9DC65B.

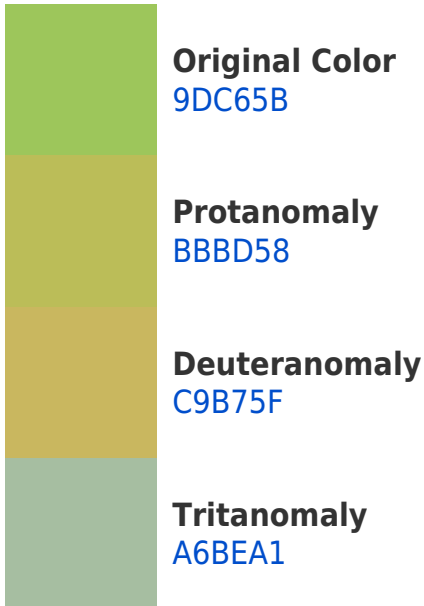
Color Blindness Simulation

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 9DC65B 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 #9DC65B looks like.

```
.text, #text, p{  
    color:#9DC65B  
}
```

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 #9DC65B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DC65B
}
```

Border

The CSS property to change the border of an element to Hex 9DC65B 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
#9DC65B }
```

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

```
.border{ border-color:#9DC65B }
```

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

Here you see how a box with a 4 pixel #9DC65B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DC65B; -webkit-box-shadow:4px 4px  
4px 4px #9DC65B; box-shadow:4px 4px 4px  
4px #9DC65B }
```

Background

The CSS property to change the background color of an element to Hex 9DC65B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DC65B }
```

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

```
.background{ background-color:#9DC65B }
```

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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