

Converting Colors

Hex(9CDC55)

Have a look what the booklet for
Hex(9CDC55) contains.

Hex(9CDC55)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9CDC55)

Conversions

Conversions Part 1

Format	Color
Hex	9CDC55
RGB	156, 220, 85
RGB Percent	61%, 86%, 33%
CMY	0.3882, 0.1373, 0.6667
CMYK	0.29, 0.00, 0.61, 0.14
HSL	88°, 66%, 60%
HSV	88°, 61%, 86%
XYZ	40.9432, 58.9102, 17.8072
YIQ	185.4740, 5.1910, -55.5530

Conversions

Conversions Part 2

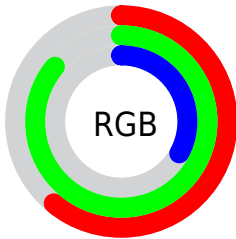
Format	Color
R_{YB}	85, 220, 149
Decimal	10280021
CIE _{Lab}	81.24, -41.53, 58.29
CIE _{LCh}	81, 71.569, 125.471
Yxy	58.9102, 0.3480, 0.5007
Android (android.graphics.Color)	4288470101 (0xFF9CDC55)
YUV	185.4740, -49.5337, -25.8487
Hunter-Lab	76.7530, -39.0985, 39.9714

Details

The Hex color **9CDC55** 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 **9555DC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **D6FF8B**, and **64A51B** is the 20% darker color. If you saturate the color by 10%, you get **92DC3F**, and if you desaturate by 10%, it is **A6DC6B**.

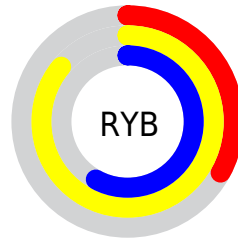
Distribution



Red (61%)

Green (86%)

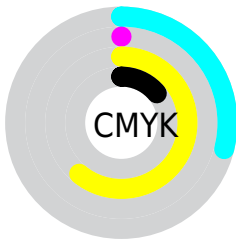
Blue (33%)



Red (33%)

Yellow (86%)

Blue (58%)

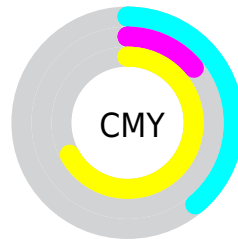


Cyan (29%)

Magenta (0%)

Yellow (61%)

Black (14%)



Cyan (39%)

Magenta (14%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CDC55 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 9CDC55 by changing the saturation by 10% instead.

 9CDC55

 9CDC55

FFFFFF

 80C039

 D6FF8B

 64A51B

 F3FFA7

 488A00

 FFFFC3

 2B7000

 FFFFEO

 045700

FFFFFFE

 003F00

 002900

 000800

 000000

 9CDC55

 9CDC55

 92DC3F

 A6DC6B

 87DC29

 B1DC81

 7DDC13

 BBDC97

 74DC00

 C6DCAD

 D0DCC3

 DBDCD9

 E5DCEF

 EFDCFF

 FADCFF

Harmonies

Analogous

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



E2CA37



9CDC55



19E68F

Triad

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



9CDC55



00DFFF



FF8BC0

Complementary

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



9CDC55



9555DC

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



9CDC55



4DCDFF

Square

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



9CDC55



00E8FF



DDB3FF



FF9880

Rectangle

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



9CDC55



00EABD



DDB3FF



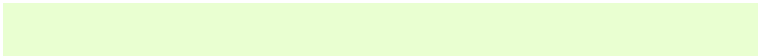
FF8DD7

Sweetspot

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



9CDC55



E9FFD1



DC9455



728063



000000



808080

Same Dimension

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



9CDC55



A6FF42



59DC55



686E63



5BAD00



182E00

Inverse Universe

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



9555DC



9C42FF



D855DC



68636E



5200AD



16002E

Previews

White Background



This preview shows how the Hex color 9CDC55 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 9CDC55 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 9CDC55 Background



This preview shows how black text looks on a background with the Hex color 9CDC55.

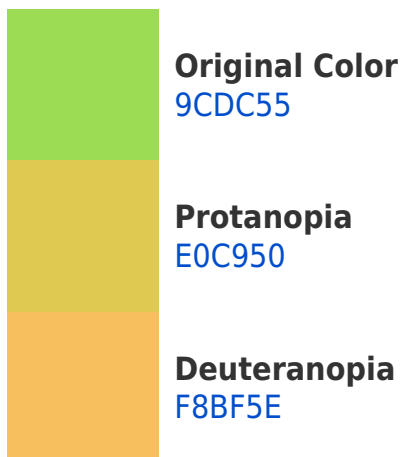


This preview shows how white text looks on a background with the Hex color 9CDC55.

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
9CDC55



Protanomaly
C7D052



Deuteranomaly
D7CA5B



Tritanomaly
A8D3AD

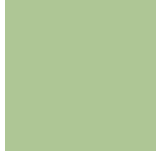
Monochromacy



Original Color
9CDC55



Achromatopsia
B9B9B9



Achromatomaly
AEC695

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDC55 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 #9CDC55 looks like.

```
.text, #text, p{  
    color:#9CDC55  
}
```

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 #9CDC55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDC55
}
```

Border

The CSS property to change the border of an element to Hex 9CDC55 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
#9CDC55 }
```

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

```
.border{ border-color:#9CDC55 }
```

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

Here you see how a box with a 4 pixel #9CDC55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDC55; -webkit-box-shadow:4px 4px  
4px 4px #9CDC55; box-shadow:4px 4px 4px  
4px #9CDC55 }
```

Background

The CSS property to change the background color of an element to Hex 9CDC55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDC55 }
```

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

```
.background{ background-color:#9CDC55 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor