

# Converting Colors

Hex(92D134)

Have a look what the booklet for  
Hex(92D134) contains.

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**Color**

**Hex(92D134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92D134
RGB	146, 209, 52
RGB Percent	57%, 82%, 20%
CMY	0.4275, 0.1804, 0.7961
CMYK	0.30, 0.00, 0.75, 0.18
HSL	84°, 63%, 51%
HSV	84°, 75%, 82%
XYZ	35.2744, 51.9599, 11.4189
YIQ	172.2650, 12.8490, -62.1830

# Conversions

## Conversions Part 2

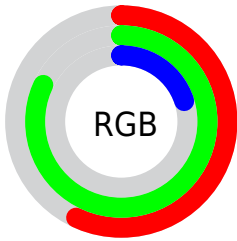
Format	Color
<b>RYB</b>	52, 209, 115
Decimal	9621812
CIELab	77.26, -42.65, 66.47
CIELCh	77, 78.979, 122.687
Yxy	51.9599, 0.3576, 0.5267
Android (android.graphics.Color)	4287811892 (0xFF92D134)
YUV	172.2650, -59.2906, -23.0344
Hunter-Lab	72.0832, -38.7955, 41.0659

# Details

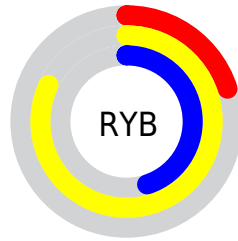
The Hex color **92D134** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **7334D1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CCFF6E**, and **599A00** is the 20% darker color. If you saturate the color by 10%, you get **8AD11F**, and if you desaturate by 10%, it is **9AD149**.

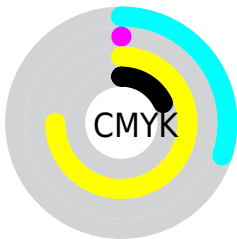
# Distribution



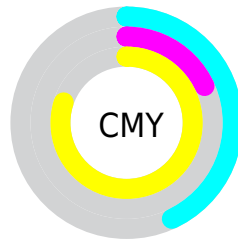
- Red (57%)
- Green (82%)
- Blue (20%)



- Red (20%)
- Yellow (82%)
- Blue (45%)



- Cyan (30%)
- Magenta (0%)
- Yellow (75%)
- Black (18%)



- Cyan (43%)
- Magenta (18%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92D134 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 92D134 by changing the saturation by 10% instead.





92D134



92D134

FFFFFF



76B50C



CCFF6E



599A00



EAFF8A



3C8000



FFFFA6



1D6600



FFFFC2



004E00



FFFFE0



003600

FFFFFFD



002100



000000



92D134



92D134

■ 8AD11F

■ 9AD149

■ 81D10A

■ A3D15E

■ 7DD100

■ ABD173

■ B4D188

■ BCD19C

■ C4D1B1

■ CDD1C6

■ D5D1DB

■ DDD1F0

# Harmonies

## Analogous

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



DDBE00



92D134



00DC78

# Triad

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



92D134



00D8FF



FF75BB

# Complementary

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



92D134



7334D1

# 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.



FF87FF



92D134



00C5FF

# Square

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



92D134



00E0FF



C7A8FF



FF8374

# Rectangle

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



92D134



00E0AA



C7A8FF



FF78D4



# Sweetspot

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



92D134



E7FFC4



D17334



71805C



000000



808080



# Same Dimension

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



92D134



A3FF19



44D134



64695E



65A800



182900



# Inverse Universe

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



7334D1



7619FF



C134D1



625E69



4400A8



100029



# Previews

## White Background



This preview shows how the Hex color 92D134 looks on a white background.

## Color Contrast Check

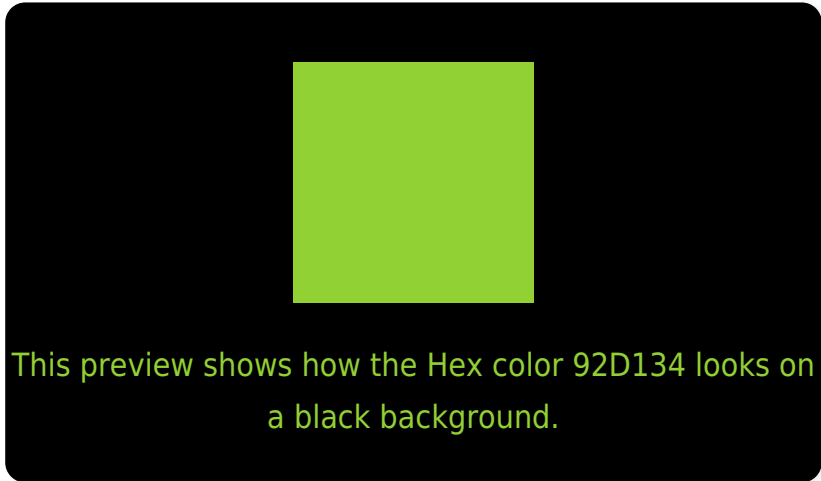
Large Text (above 18pt) WCAG AA × Fail

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 92D134 Background



This preview shows how black text looks on a background with the Hex color 92D134.

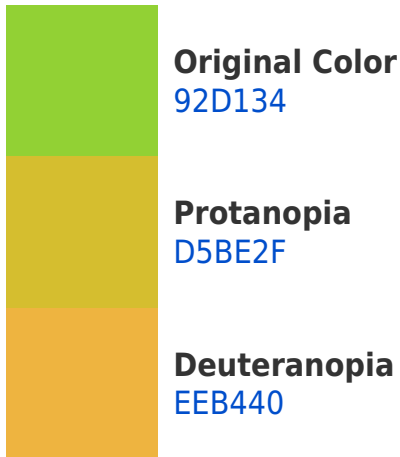


This preview shows how white text looks on a background with the Hex color 92D134.

# 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](#).

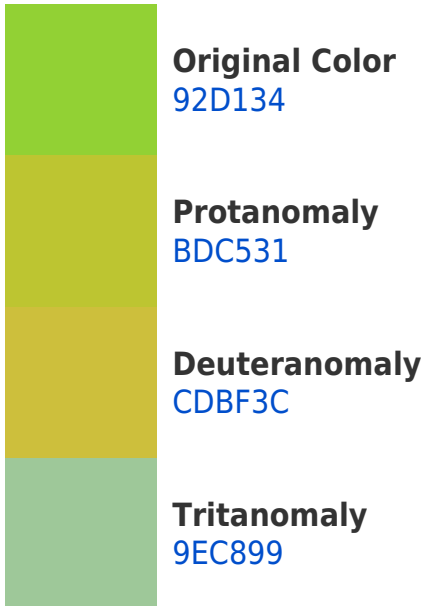
## Dichromacy



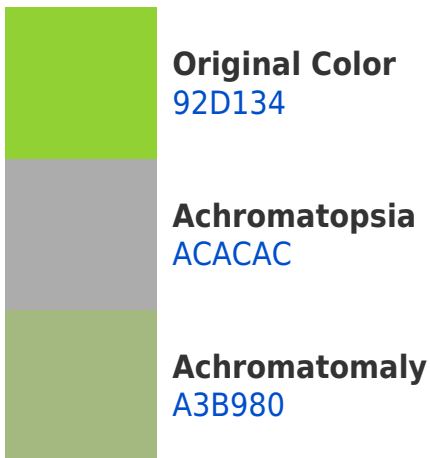


**Tritanopia**  
A5C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92D134 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 #92D134 looks like.

```
.text, #text, p{  
    color:#92D134  
}
```

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 #92D134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92D134
}
```

## Border

The CSS property to change the border of an element to Hex 92D134 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
#92D134 }
```

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

```
.border{ border-color:#92D134 }
```

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

Here you see how a box with a 4 pixel #92D134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92D134; -webkit-box-shadow:4px 4px  
4px 4px #92D134; box-shadow:4px 4px 4px  
4px #92D134 }
```

# Background

The CSS property to change the background color of an element to Hex 92D134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92D134 }
```

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

```
.background{ background-color:#92D134 }
```

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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