

Converting Colors

Hex(91D870)

Have a look what the booklet for
Hex(91D870) contains.

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Color

Hex(91D870)

Conversions

Conversions Part 1

Format	Color
Hex	91D870
RGB	145, 216, 112
RGB Percent	57%, 85%, 44%
CMY	0.4314, 0.1529, 0.5608
CMYK	0.33, 0.00, 0.48, 0.15
HSL	101°, 57%, 64%
HSV	101°, 48%, 85%
XYZ	39.1576, 56.3013, 24.1327
YIQ	182.9150, -8.9320, -47.3960

Conversions

Conversions Part 2

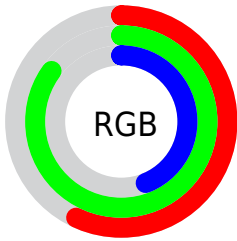
Format	Color
RYB	112, 216, 183
Decimal	9558128
CIELab	79.79, -40.82, 44.11
CIELCh	80, 60.101, 132.782
Yxy	56.3013, 0.3274, 0.4708
Android (android.graphics.Color)	4287748208 (0xFF91D870)
YUV	182.9150, -34.9611, -33.2515
Hunter-Lab	75.0342, -38.1574, 33.4550

Details

The Hex color **91D870** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B770D8**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **C9FFA6**, and **5AA13D** is the 20% darker color. If you saturate the color by 10%, you get **82D85A**, and if you desaturate by 10%, it is **A0D886**.

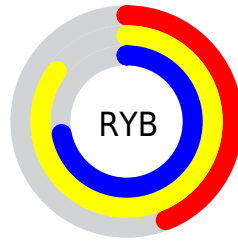
Distribution



Red (57%)

Green (85%)

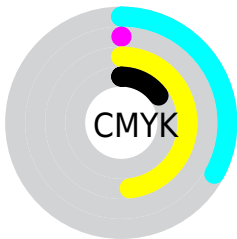
Blue (44%)



Red (44%)

Yellow (85%)

Blue (72%)

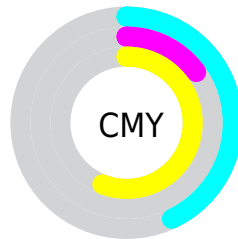


Cyan (33%)

Magenta (0%)

Yellow (48%)

Black (15%)



Cyan (43%)

Magenta (15%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D870 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 91D870 by changing the saturation by 10% instead.

 91D870

 91D870

FFFFFF

 75BC56


 C9FFA6

 5AA13D

 E7FFC1

 3F8623

 FFFFDE

 216C03

 FFFFFB


 005300

 003B00

 002700

 000000

 91D870

 91D870

 82D85A

 A0D886

 74D845

 AED89B

 65D82F

 BDD8B1

 56D81A

 CCD8C6

 47D804

 DBD8DC

 45D800

 E9D8F2

 F8D8FF

 FFD8FF

Harmonies

Analogous

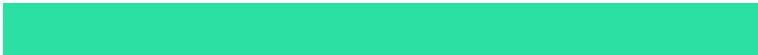
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CFCA53



91D870



2BE0A3

Triad

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



91D870



00D5FF



FF96B0

Complementary

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



91D870



B770D8

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.



FF9AE8



91D870



91C4FF

Square

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



91D870



00DFFF



E9ADFF



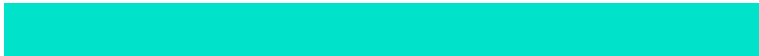
FFA37C

Rectangle

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



91D870



00E2C9



E9ADFF



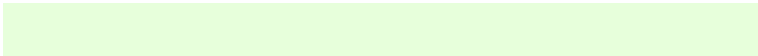
FF95C3

Sweetspot

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



91D870



E7FFDB



D8B570



71806A



000000



808080

Same Dimension

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



91D870



9AFF6B



70D881



646B60



36AB00



0E2B00

Inverse Universe

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



B770D8



D06BFF



D870C7



68606B



7500AB



1E002B

Previews

White Background



This preview shows how the Hex color 91D870 looks on a white background.

Color Contrast Check

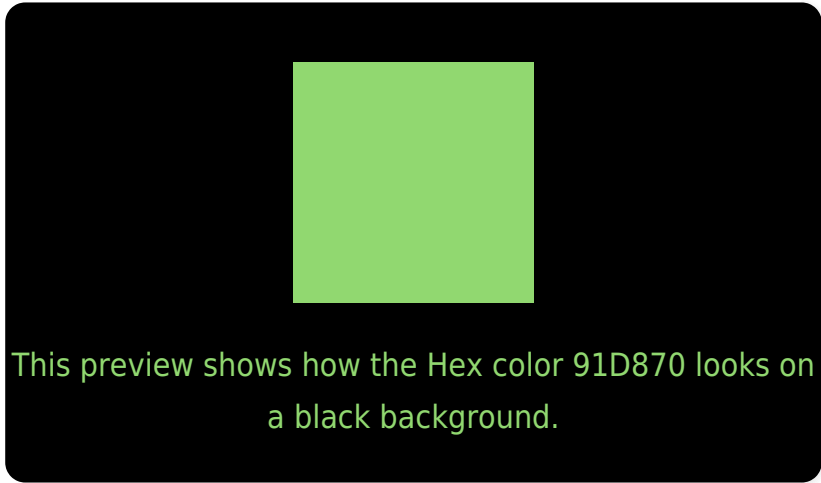
Large Text (above 18pt) WCAG AA × Fail

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 91D870 Background



This preview shows how black text looks on a background with the Hex color 91D870.

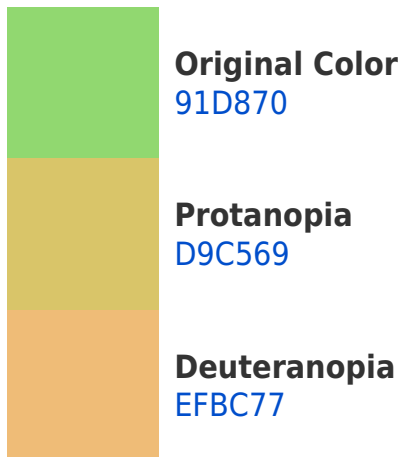


This preview shows how white text looks on a background with the Hex color 91D870.

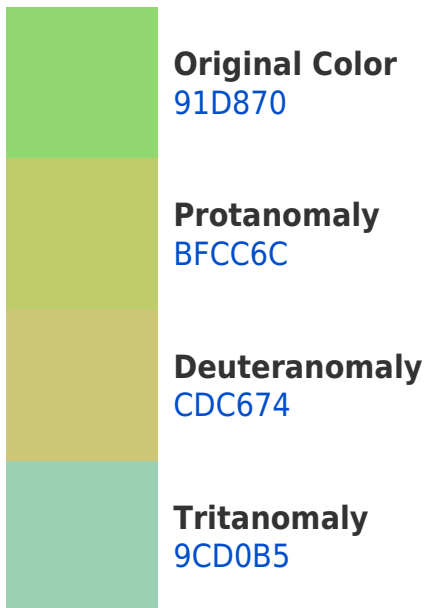
Color Blindness Simulation

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](#).

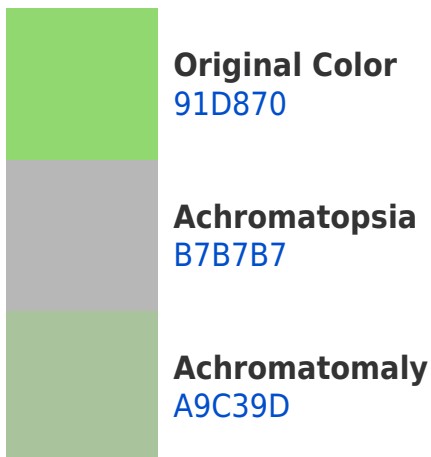
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91D870 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 #91D870 looks like.

```
.text, #text, p{  
    color:#91D870  
}
```

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 #91D870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D870
}
```

Border

The CSS property to change the border of an element to Hex 91D870 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
#91D870 }
```

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

```
.border{ border-color:#91D870 }
```

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

Here you see how a box with a 4 pixel #91D870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D870; -webkit-box-shadow:4px 4px  
4px 4px #91D870; box-shadow:4px 4px 4px  
4px #91D870 }
```

Background

The CSS property to change the background color of an element to Hex 91D870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D870 }
```

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

```
.background{ background-color:#91D870 }
```

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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