

# Converting Colors

Hex(91D95D)

Have a look what the booklet for  
Hex(91D95D) contains.

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**Color**

**Hex(91D95D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91D95D
RGB	145, 217, 93
RGB Percent	57%, 85%, 36%
CMY	0.4314, 0.1490, 0.6353
CMYK	0.33, 0.00, 0.57, 0.15
HSL	95°, 62%, 61%
HSV	95°, 57%, 85%
XYZ	38.4657, 56.4358, 19.2218
YIQ	181.3360, -3.1080, -53.8280

# Conversions

## Conversions Part 2

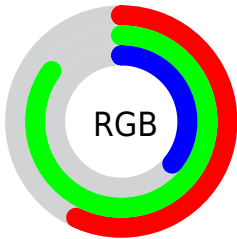
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 217, 165
Decimal	9558365
CIELab	79.86, -43.35, 53.08
CIELCh	80, 68.537, 129.239
Yxy	56.4358, 0.3371, 0.4945
Android (android.graphics.Color)	4287748445 (0xFF91D95D)
YUV	181.3360, -43.5496, -31.8667
Hunter-Lab	75.1237, -40.0690, 37.4162

# Details

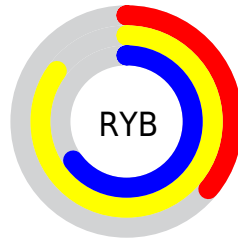
The Hex color **91D95D** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **A55DD9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CAFF93**, and **59A227** is the 20% darker color. If you saturate the color by 10%, you get **84D947**, and if you desaturate by 10%, it is **9ED973**.

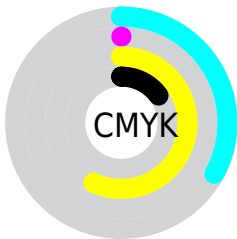
# Distribution



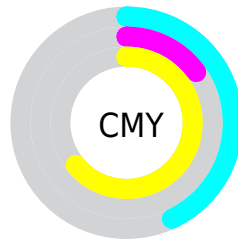
- Red (57%)
- Green (85%)
- Blue (36%)



- Red (36%)
- Yellow (85%)
- Blue (65%)



- Cyan (33%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)



- Cyan (43%)
- Magenta (15%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91D95D 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 91D95D by changing the saturation by 10% instead.





91D95D



91D95D

FFFFFF



75BD42



CAFF93



59A227



E7FFAE



3D8701



FFFFCB



1D6D00



FFFFE7



005400



003C00



002800



000000



91D95D



91D95D

 84D947

 9ED973

 78D932

 AAD988

 6BD91C

 B7D99E

 5FD906

 C3D9B4

 5BD900

 D0D9CA

 DDD9DF

 E9D9F5

 F6D9FF

 FFD9FF

# Harmonies

## Analogous

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



D6C93D



91D95D



00E296

# Triad

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



91D95D



00D9FF



FF8CB5

# Complementary

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



91D95D



A55DD9

# 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.



FF94F5



91D95D



6EC6FF

# Square

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



91D95D



00E3FF



E3ADFF



FF9A78

# Rectangle

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



91D95D



00E5C2



E3ADFF



FF8CCA

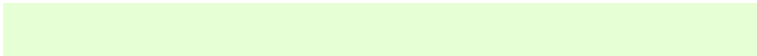


# Sweetspot

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



91D95D



E6FFD4



D9A35D



718066



000000



808080



# Same Dimension

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



91D95D



99FF4F



5DD965



676E63



49AD00



132E00



# Inverse Universe

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



A55DD9



B54FFF



D95DD1



69636E



6500AD



1B002E



# Previews

## White Background



This preview shows how the Hex color 91D95D looks on a white background.

## Color Contrast Check

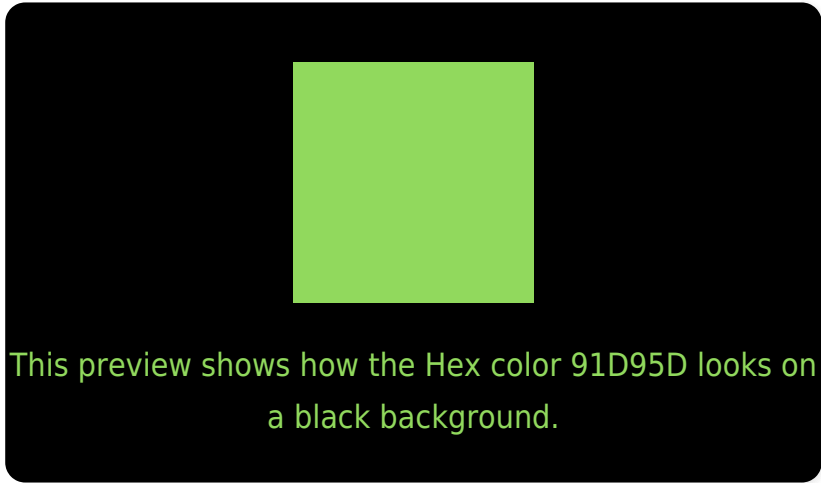
Large Text (above 18pt) WCAG AA × Fail

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 91D95D Background



This preview shows how black text looks on a background with the Hex color 91D95D.

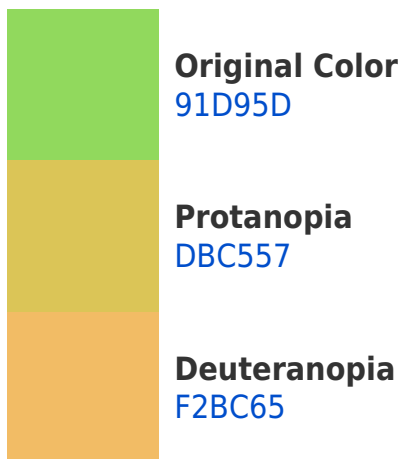


This preview shows how white text looks on a background with the Hex color 91D95D.

# Color Blindness Simulation

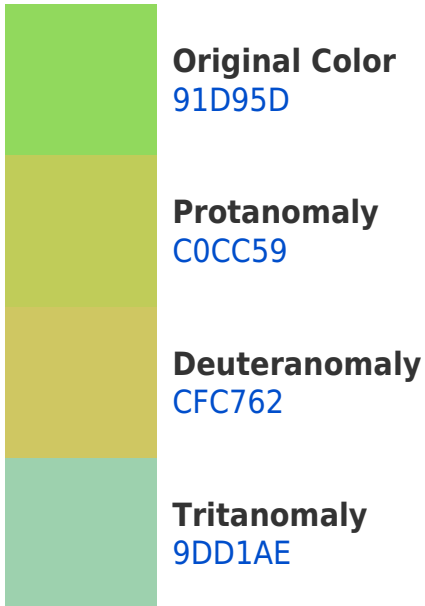
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

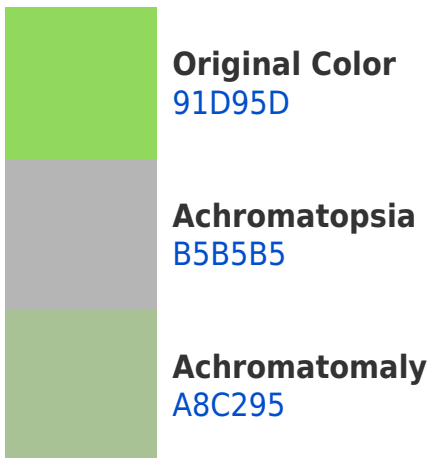




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91D95D 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 #91D95D looks like.

```
.text, #text, p{  
    color:#91D95D  
}
```

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 #91D95D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D95D
}
```

## Border

The CSS property to change the border of an element to Hex 91D95D 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
#91D95D }
```

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

```
.border{ border-color:#91D95D }
```

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

Here you see how a box with a 4 pixel #91D95D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D95D; -webkit-box-shadow:4px 4px  
4px 4px #91D95D; box-shadow:4px 4px 4px  
4px #91D95D }
```

# Background

The CSS property to change the background color of an element to Hex 91D95D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D95D }
```

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

```
.background{ background-color:#91D95D }
```

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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