

Converting Colors

Hex(91D63B)

Have a look what the booklet for
Hex(91D63B) contains.

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Color

Hex(91D63B)

Conversions

Conversions Part 1

Format	Color
Hex	91D63B
RGB	145, 214, 59
RGB Percent	57%, 84%, 23%
CMY	0.4314, 0.1608, 0.7686
CMYK	0.32, 0.00, 0.72, 0.16
HSL	87°, 65%, 54%
HSV	87°, 72%, 84%
XYZ	36.5130, 54.4286, 12.7190
YIQ	175.6990, 8.6310, -62.8330

Conversions

Conversions Part 2

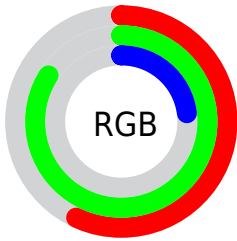
Format	Color
RYB	59, 214, 128
Decimal	9557563
CIELab	78.71, -44.76, 65.53
CIELCh	79, 79.357, 124.338
Yxy	54.4286, 0.3522, 0.5251
Android (android.graphics.Color)	4287747643 (0xFF91D63B)
YUV	175.6990, -57.5326, -26.9230
Hunter-Lab	73.7758, -40.7645, 41.4214

Details

The Hex color **91D63B** 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 **803BD6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CBFF74**, and **589F00** is the 20% darker color. If you saturate the color by 10%, you get **87D626**, and if you desaturate by 10%, it is **9BD650**.

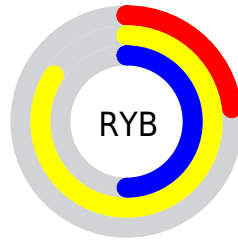
Distribution



Red (57%)

Green (84%)

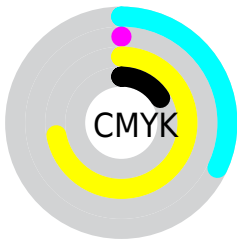
Blue (23%)



Red (23%)

Yellow (84%)

Blue (50%)

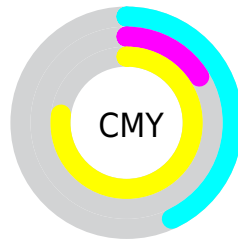


Cyan (32%)

Magenta (0%)

Yellow (72%)

Black (16%)



Cyan (43%)

Magenta (16%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D63B 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 91D63B by changing the saturation by 10% instead.



91D63B



91D63B

FFFFFF



74BA19



CBFF74



589F00



E9FF90



3A8400



FFFFAC



1A6A00



FFFFC9



005200



FFFFE6



003A00



002500



000000



91D63B



91D63B

 87D626

 9BD650

 7ED610

 A4D666

 77D600

 AED67B

 B7D691

 C1D6A6

 CAD6BB

 D4D6D1

 DDD6E6

 E7D6FC

Harmonies

Analogous

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



DDC308



91D63B



00E17F

Triad

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



91D63B



00DBFF



FF79BB

Complementary

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



91D63B



803BD6

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.



FF89FF



91D63B



00C8FF

Square

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



91D63B



00E4FF



D1AAFF



FF8874

Rectangle

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



91D63B



00E4B2



D1AAFF



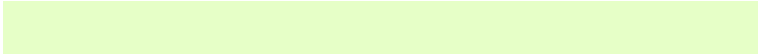
FF7BD4

Sweetspot

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



91D63B



E6FFC7



D67E3B



71805E



000000



808080

Same Dimension

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



91D63B



9CFF21



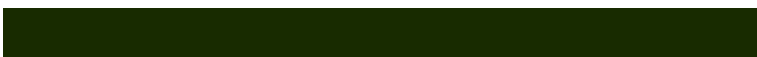
45D63B



666B60



5FAB00



182B00

Inverse Universe

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



803BD6



8421FF



CC3BD6



65606B



4C00AB



13002B

Previews

White Background



This preview shows how the Hex color 91D63B looks on a white background.

Color Contrast Check

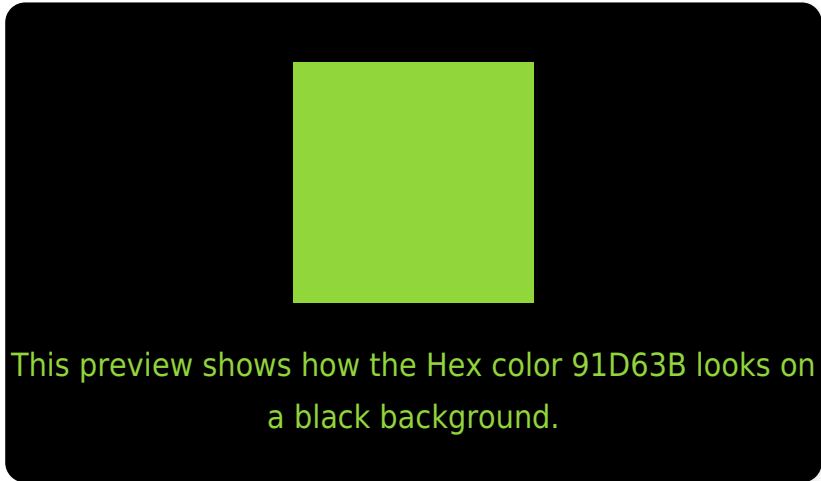
Large Text (above 18pt) WCAG AA × Fail

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 91D63B Background



This preview shows how black text looks on a background with the Hex color 91D63B.

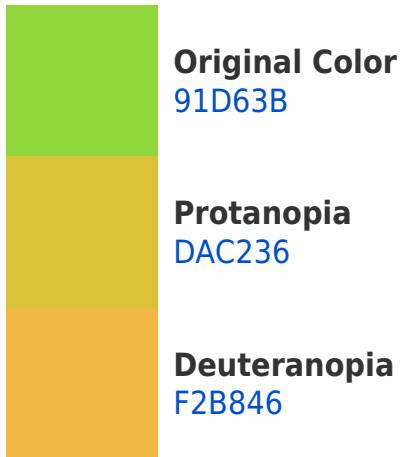


This preview shows how white text looks on a background with the Hex color 91D63B.

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](#).

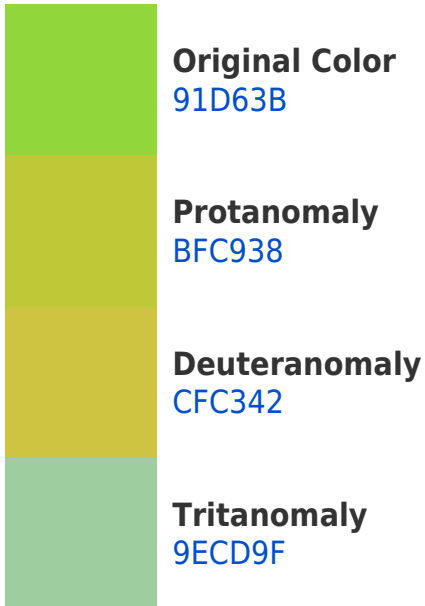
Dichromacy



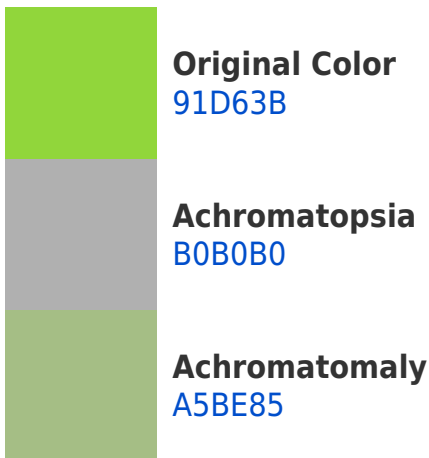


Tritanopia
A5C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91D63B 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 #91D63B looks like.

```
.text, #text, p{  
    color:#91D63B  
}
```

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 #91D63B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D63B
}
```

Border

The CSS property to change the border of an element to Hex 91D63B 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
#91D63B }
```

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

```
.border{ border-color:#91D63B }
```

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

Here you see how a box with a 4 pixel #91D63B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D63B; -webkit-box-shadow:4px 4px  
4px 4px #91D63B; box-shadow:4px 4px 4px  
4px #91D63B }
```

Background

The CSS property to change the background color of an element to Hex 91D63B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D63B }
```

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

```
.background{ background-color:#91D63B }
```

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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