

Converting Colors

Hex(91D062)

Have a look what the booklet for
Hex(91D062) contains.

Hex(91D062)	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(91D062)

Conversions

Conversions Part 1

Format	Color
Hex	91D062
RGB	145, 208, 98
RGB Percent	57%, 82%, 38%
CMY	0.4314, 0.1843, 0.6157
CMYK	0.30, 0.00, 0.53, 0.18
HSL	94°, 54%, 60%
HSV	94°, 53%, 82%
XYZ	36.4375, 52.0133, 19.6744
YIQ	176.6230, -2.2380, -47.5660

Conversions

Conversions Part 2

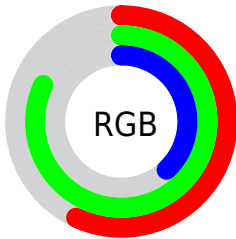
Format	Color
RYB	98, 208, 161
Decimal	9556066
CIELab	77.29, -38.88, 47.77
CIELCh	77, 61.598, 129.143
Yxy	52.0133, 0.3370, 0.4810
Android (android.graphics.Color)	4287746146 (0xFF91D062)
YUV	176.6230, -38.7611, -27.7334
Hunter-Lab	72.1203, -36.0264, 34.3099

Details

The Hex color **91D062** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A162D0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C9FF97**, and **5A992E** is the 20% darker color. If you saturate the color by 10%, you get **85D04D**, and if you desaturate by 10%, it is **9DD077**.

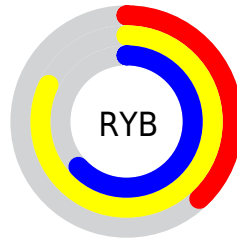
Distribution



Red (57%)

Green (82%)

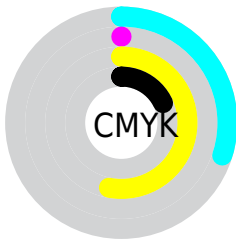
Blue (38%)



Red (38%)

Yellow (82%)

Blue (63%)

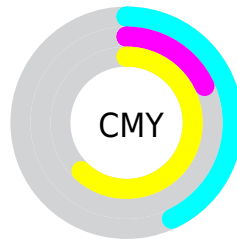


Cyan (30%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (43%)

Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D062 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 91D062 by changing the saturation by 10% instead.



91D062



91D062

FFFFFF



76B448



C9FF97



5A992E



E6FFB3



3F7F11



FFFFCF



226500



FFFEC



004D00



003500



002100



000000



91D062



91D062

 85D04D

 9DD077

 79D038

 A9D08C

 6DD024

 B5D0A0

 61D00F

 C1D0B5

 59D000

 CDD0CA

 D8D0DF

 E4D0F4

 F0D0FF

 FCD0FF

Harmonies

Analogous

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



CEC247



91D062



2DD894

Triad

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



91D062



00D0FF



FF8CB0

Complementary

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



91D062



A162D0

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.



FF94E9



91D062



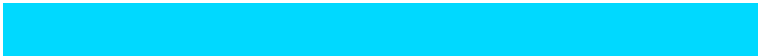
77BFFF

Square

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



91D062



00D9FF



DAA9FF



FF987A

Rectangle

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



91D062



00DBBB



DAA9FF



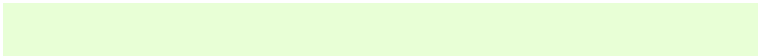
FF8DC3

Sweetspot

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



91D062



E8FFD6



D0A062



728067



000000



808080

Same Dimension

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



91D062



A3FF5E



62D069



63695E



48A800



112900

Inverse Universe

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



A162D0



BA5EFF



D062C9



645E69



6000A8



170029

Previews

White Background



This preview shows how the Hex color 91D062 looks on a white background.

Color Contrast Check

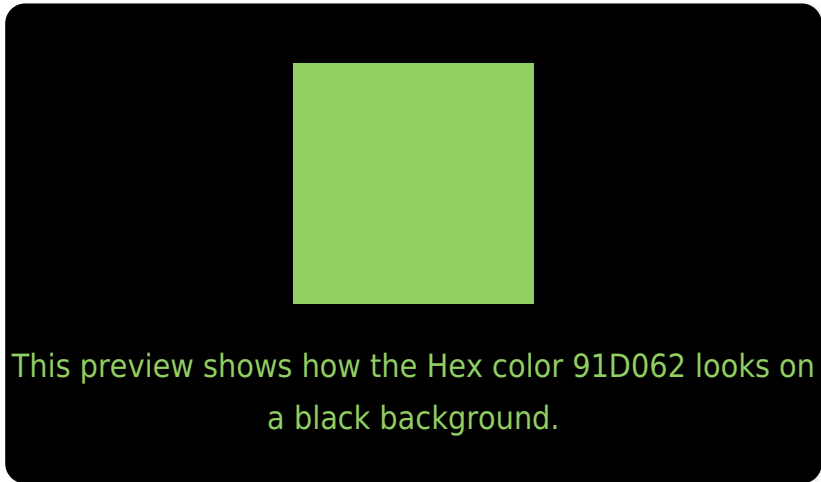
Large Text (above 18pt) WCAG AA × Fail

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 91D062 Background



This preview shows how black text looks on a background with the Hex color 91D062.

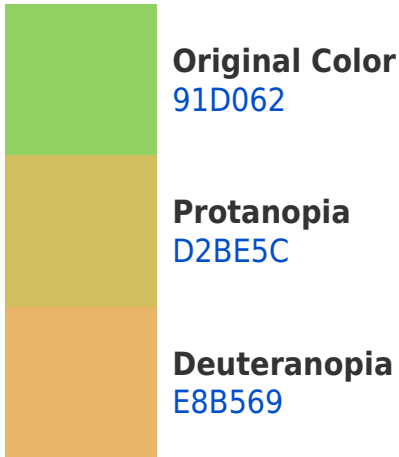


This preview shows how white text looks on a background with the Hex color 91D062.

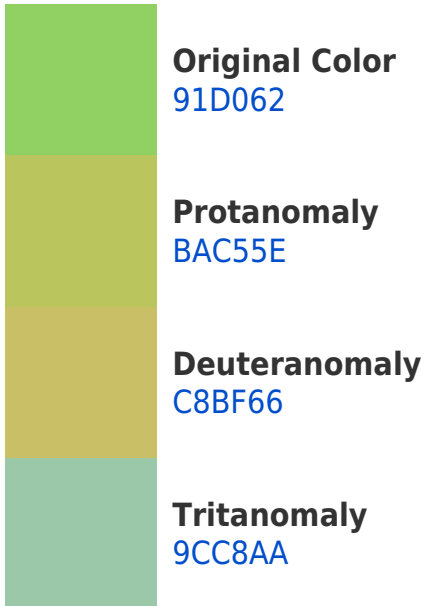
Color Blindness Simulation

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](#).

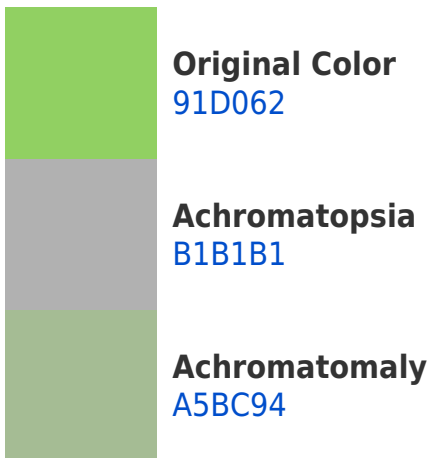
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91D062 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 #91D062 looks like.

```
.text, #text, p{  
    color:#91D062  
}
```

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 #91D062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D062
}
```

Border

The CSS property to change the border of an element to Hex 91D062 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
#91D062 }
```

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

```
.border{ border-color:#91D062 }
```

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

Here you see how a box with a 4 pixel #91D062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D062; -webkit-box-shadow:4px 4px  
4px 4px #91D062; box-shadow:4px 4px 4px  
4px #91D062 }
```

Background

The CSS property to change the background color of an element to Hex 91D062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D062 }
```

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

```
.background{ background-color:#91D062 }
```

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