

Converting Colors

Hex(91D161)

Have a look what the booklet for
Hex(91D161) contains.

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Color

Hex(91D161)

Conversions

Conversions Part 1

Format	Color
Hex	91D161
RGB	145, 209, 97
RGB Percent	57%, 82%, 38%
CMY	0.4314, 0.1804, 0.6196
CMYK	0.31, 0.00, 0.54, 0.18
HSL	94°, 55%, 60%
HSV	94°, 54%, 82%
XYZ	36.6352, 52.4837, 19.5088
YIQ	177.0960, -2.1920, -48.4000

Conversions

Conversions Part 2

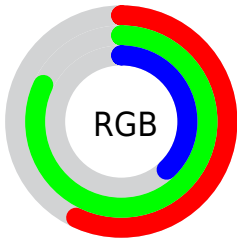
Format	Color
RYB	97, 209, 161
Decimal	9556321
CIELab	77.57, -39.44, 48.58
CIELCh	78, 62.569, 129.072
Yxy	52.4837, 0.3373, 0.4832
Android (android.graphics.Color)	4287746401 (0xFF91D161)
YUV	177.0960, -39.4873, -28.1482
Hunter-Lab	72.4457, -36.5139, 34.7459

Details

The Hex color **91D161** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A161D1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CAFF96**, and **5A9A2D** is the 20% darker color. If you saturate the color by 10%, you get **85D14C**, and if you desaturate by 10%, it is **9DD176**.

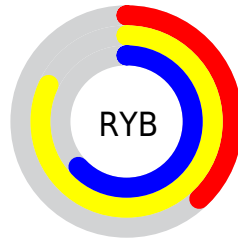
Distribution



Red (57%)

Green (82%)

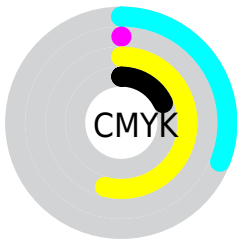
Blue (38%)



Red (38%)

Yellow (82%)

Blue (63%)

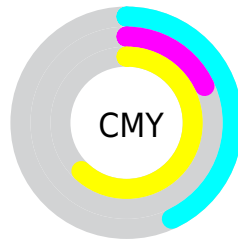


Cyan (31%)

Magenta (0%)

Yellow (54%)

Black (18%)



Cyan (43%)


Magenta (18%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D161 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 91D161 by changing the saturation by 10% instead.

 91D161

 91D161

FFFFFF

 75B547

 CAFF96

 5A9A2D

 E7FFB2

 3F800F

 FFFFCE

 226600

 FFFFEB

 004E00

 003600

 002200

 000000

 91D161

 91D161

 85D14C

 9DD176

 79D137

 A9D18B

 6DD122

 B5D1A0

 61D10D

 C1D1B5

 5AD100

 CDD1CA

 D9D1DE

 E5D1F3

 F1D1FF

 FCD1FF

Harmonies

Analogous

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



CFC246



91D161



29D994

Triad

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



91D161



00D1FF



FF8CB0

Complementary

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



91D161



A161D1

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.



FF94EA



91D161



75C0FF

Square

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



91D161



00DAFF



DAA9FF



FF9879

Rectangle

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



91D161



00DCBC



DAA9FF



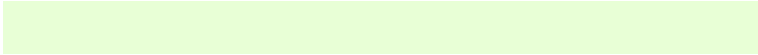
FF8CC4

Sweetspot

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



91D161



E8FFD6



D1A061



728067



000000



808080

Same Dimension

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



91D161



A2FF5C



61D168



63695E



48A800



112900

Inverse Universe

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



A161D1



B95CFF



D161CA



645E69



6000A8



170029

Previews

White Background



This preview shows how the Hex color 91D161 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



This preview shows how the Hex color 91D161 looks on a 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 91D161 Background



This preview shows how black text looks on a background with the Hex color 91D161.

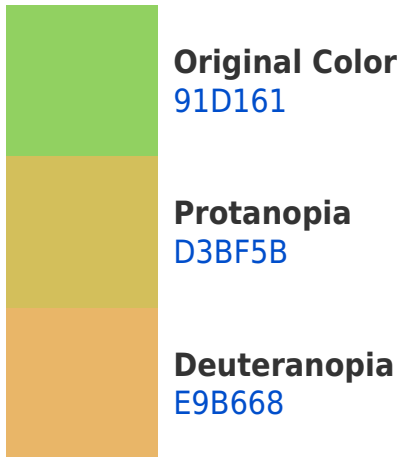


This preview shows how white text looks on a background with the Hex color 91D161.

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



Original Color
91D161



Protanomaly
BBC65D



Deuteranomaly
C9C065

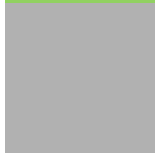


Tritanomaly
9CC9AA

Monochromacy



Original Color
91D161



Achromatopsia
B1B1B1



Achromatomaly
A5BD94

CSS Examples

Text

The CSS property to change the color of the text to Hex 91D161 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 #91D161 looks like.

```
.text, #text, p{  
    color:#91D161  
}
```

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 #91D161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D161
}
```

Border

The CSS property to change the border of an element to Hex 91D161 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
#91D161 }
```

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

```
.border{ border-color:#91D161 }
```

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

Here you see how a box with a 4 pixel #91D161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D161; -webkit-box-shadow:4px 4px  
4px 4px #91D161; box-shadow:4px 4px 4px  
4px #91D161 }
```

Background

The CSS property to change the background color of an element to Hex 91D161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D161 }
```

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

```
.background{ background-color:#91D161 }
```

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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