

Converting Colors

Hex(91D609)

Have a look what the booklet for
Hex(91D609) contains.

Hex(91D609)	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(91D609)

Conversions

Conversions Part 1

Format	Color
Hex	91D609
RGB	145, 214, 9
RGB Percent	57%, 84%, 4%
CMY	0.4314, 0.1608, 0.9647
CMYK	0.32, 0.00, 0.96, 0.16
HSL	80°, 92%, 44%
HSV	80°, 96%, 84%
XYZ	35.7729, 54.1326, 8.8217
YIQ	169.9990, 24.6810, -78.3830

Conversions

Conversions Part 2

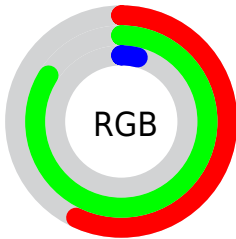
Format	Color
R _Y B	9, 214, 78
Decimal	9557513
CIE Lab	78.54, -46.49, 76.46
CIE LCh	79, 89.484, 121.304
Yxy	54.1326, 0.3623, 0.5483
Android (android.graphics.Color)	4287747593 (0xFF91D609)
YUV	169.9990, -79.3725, -21.9241
Hunter-Lab	73.5749, -41.9673, 44.3935

Details

The Hex color **91D609** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4E09D6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CCFF58**, and **569F00** is the 20% darker color. If you saturate the color by 10%, you get **8ED600**, and if you desaturate by 10%, it is **98D61E**.

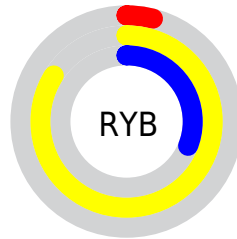
Distribution



Red (57%)

Green (84%)

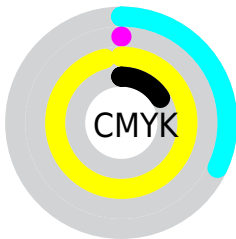
Blue (4%)



Red (4%)

Yellow (84%)

Blue (31%)

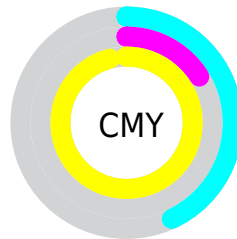


Cyan (32%)

Magenta (0%)

Yellow (96%)

Black (16%)



Cyan (43%)

Magenta (16%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91D609 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 91D609 by changing the saturation by 10% instead.

 91D609

 91D609

FFFFFF

 74BA00


 CCFF58

 569F00

 EAFF75

 388400

 FFFF92

 116A00

 FFFF92

 005200

 FFFFCC


 003A00

 FFFF92

 002400

 000000

 91D609

 91D609

■ 8ED600

■ 98D61E

■ 9FD634

■ A7D649

■ AED65F

■ B5D674

■ BCD689

■ C3D69F

■ CBD6B4

■ D2D6CA

Harmonies

Analogous

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



E5C000



91D609



00E26D

Triad

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



91D609



00DFFF



FF67C2

Complementary

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



91D609



4E09D6

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.



FF81FF



91D609



00CBFF

Square

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



91D609



00E7FF



C2AAFF



FF7871

Rectangle

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



91D609



00E6A6



C2AAFF



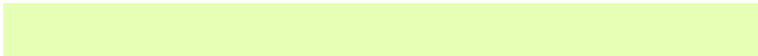
FF6BDE

Sweetspot

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



91D609



E6FFB5



D64D09



708053



000000



808080

Same Dimension

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



91D609



A9FF00



2BD609



676B60



71AB00



1D2B00

Inverse Universe

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



4E09D6



5600FF



B409D6



64606B



3A00AB



0F002B

Previews

White Background



This preview shows how the Hex color 91D609 looks on a white background.

Color Contrast Check

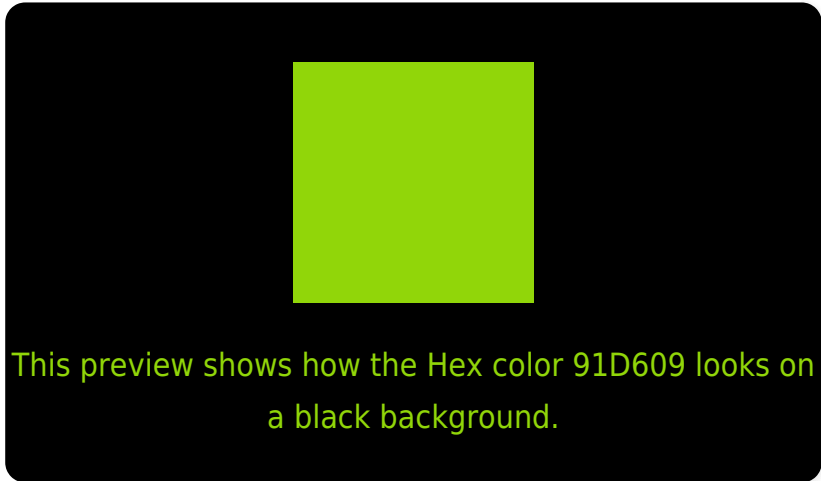
Large Text (above 18pt) WCAG AA × Fail

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 91D609 Background



This preview shows how black text looks on a background with the Hex color 91D609.

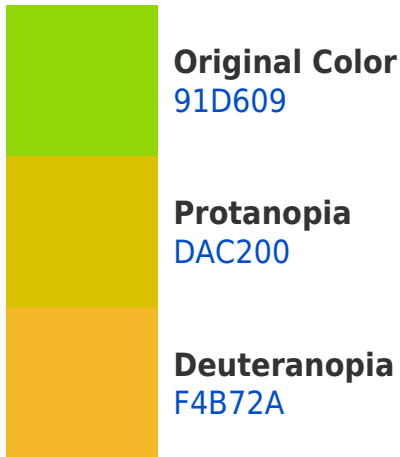


This preview shows how white text looks on a background with the Hex color 91D609.

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](#).

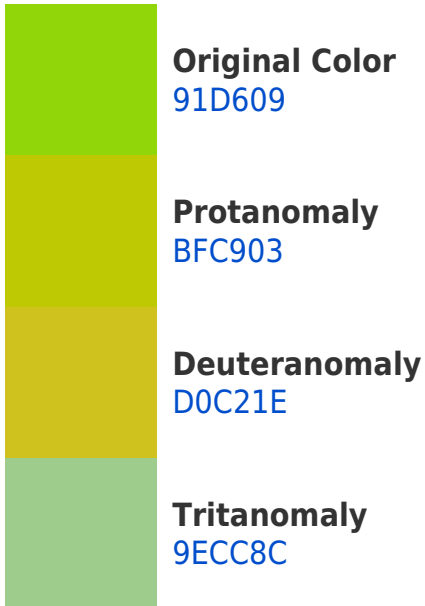
Dichromacy



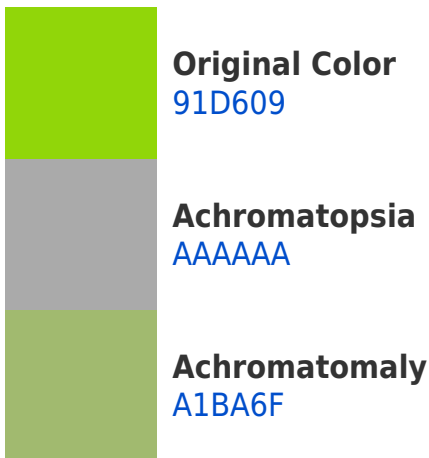


Tritanopia
A6C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91D609 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 #91D609 looks like.

```
.text, #text, p{  
    color:#91D609  
}
```

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 #91D609 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91D609
}
```

Border

The CSS property to change the border of an element to Hex 91D609 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
#91D609 }
```

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

```
.border{ border-color:#91D609 }
```

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

Here you see how a box with a 4 pixel #91D609 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91D609; -webkit-box-shadow:4px 4px  
4px 4px #91D609; box-shadow:4px 4px 4px  
4px #91D609 }
```

Background

The CSS property to change the background color of an element to Hex 91D609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91D609 }
```

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

```
.background{ background-color:#91D609 }
```

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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