

Converting Colors

Hex(D9F122)

Have a look what the booklet for
Hex(D9F122) contains.

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Color

Hex(D9F122)

Conversions

Conversions Part 1

Format	Color
Hex	D9F122
RGB	217, 241, 34
RGB Percent	85%, 95%, 13%
CMY	0.1490, 0.0549, 0.8667
CMYK	0.10, 0.00, 0.86, 0.05
HSL	67°, 88%, 54%
HSV	67°, 86%, 95%
XYZ	60.3593, 77.7778, 13.3447
YIQ	210.2260, 52.1430, -69.4650

Conversions

Conversions Part 2

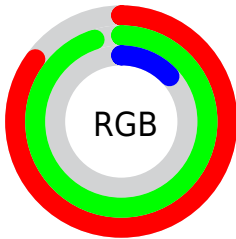
Format	Color
RYB	34, 241, 58
Decimal	14283042
CIELab	90.68, -30.05, 84.58
CIELCh	91, 89.762, 109.558
Yxy	77.7778, 0.3985, 0.5134
Android (android.graphics.Color)	4292473122 (0xFFD9F122)
YUV	210.2260, -86.8794, 5.9408
Hunter-Lab	88.1917, -32.1683, 52.7627

Details

The Hex color **D9F122** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **3A22F1**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF68**, and **9DB900** is the 20% darker color. If you saturate the color by 10%, you get **D6F10A**, and if you desaturate by 10%, it is **DCF13A**.

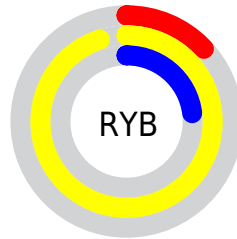
Distribution



Red (85%)

Green (95%)

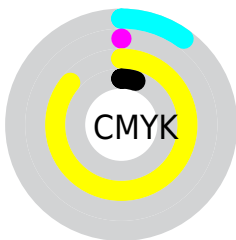
Blue (13%)



Red (13%)

Yellow (95%)

Blue (23%)

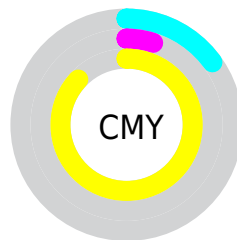


Cyan (10%)

Magenta (0%)

Yellow (86%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9F122 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 D9F122 by changing the saturation by 10% instead.

 D9F122

 D9F122

FFFFFF

 BBD500

 FFFF68

 9DB900

 FFFF85

 809E00

 FFFFA3

 648400

 FFFF00

 476B00

 FFFFDE

 2A5200

FFFFFC

 0A3B00

 002600

 000500

 D9F122

 D9F122

 D6F10A

 DCF13A

 D5F100

 DFF152

 E1F16A

 E4F182

 E7F19A

 EAF1B3

 EDF1CB

 EFF1E3

 F2F1FB

Harmonies

Analogous

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



FFD51E



D9F122



6BFF6D

Triad

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



D9F122



00FFFF



FF93FF

Complementary

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



D9F122



3A22F1

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.



FFB4FF



D9F122



00F7FF

Square

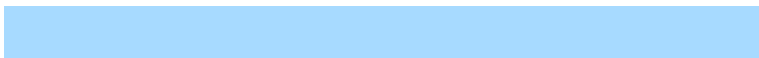
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9F122



00FFFF



A7DAFF



FF93B0

Rectangle

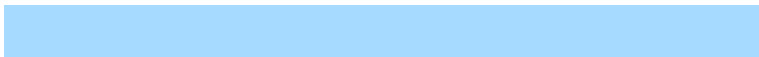
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9F122



00FFA5



A7DAFF



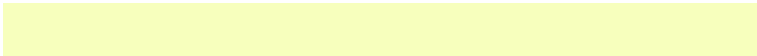
FF9BFF

Sweetspot

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



D9F122



F7FFBD



F13722



7B8058



000000



808080

Same Dimension

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



D9F122



E1FF00



75F122



76786C



A2B800



323800

Inverse Universe

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



3A22F1



1E00FF



9E22F1



6D6C78



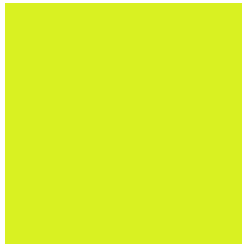
1500B8



070038

Previews

White Background



This preview shows how the Hex color D9F122 looks on a white background.

Color Contrast Check

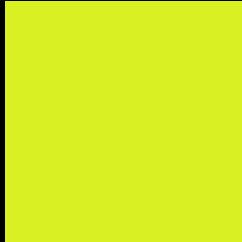
Large Text (above 18pt) WCAG AA × Fail

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 D9F122 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 D9F122 Background



This preview shows how black text looks on a background with the Hex color D9F122.



This preview shows how white text looks on a background with the Hex color D9F122.

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

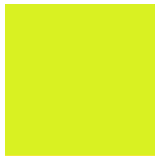


Original Color
D9F122

Protanopia
FFE447

Deuteranopia
FFDFB3

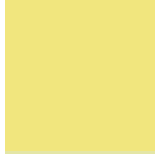
Trichromacy



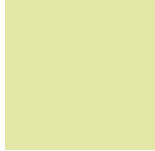
Original Color
D9F122



Protanomaly
F1E93A



Deuteranomaly
F1E67E

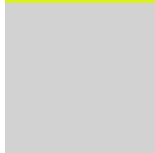


Tritanomaly
E4E6A6

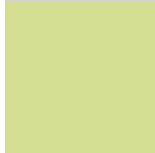
Monochromacy



Original Color
D9F122



Achromatopsia
D2D2D2



Achromatomaly
D5DD92

CSS Examples

Text

The CSS property to change the color of the text to Hex D9F122 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 #D9F122 looks like.

```
.text, #text, p{  
    color:#D9F122  
}
```

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 #D9F122 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9F122
}
```

Border

The CSS property to change the border of an element to Hex D9F122 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
#D9F122 }
```

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

```
.border{ border-color:#D9F122 }
```

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

Here you see how a box with a 4 pixel #D9F122 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9F122; -webkit-box-shadow:4px 4px  
4px 4px #D9F122; box-shadow:4px 4px 4px  
4px #D9F122 }
```

Background

The CSS property to change the background color of an element to Hex D9F122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9F122 }
```

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

```
.background{ background-color:#D9F122 }
```

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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