

Converting Colors

Hex(79D938)

Have a look what the booklet for
Hex(79D938) contains.

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Color

Hex(79D938)

Conversions

Conversions Part 1

Format	Color
Hex	79D938
RGB	121, 217, 56
RGB Percent	47%, 85%, 22%
CMY	0.5255, 0.1490, 0.7804
CMYK	0.44, 0.00, 0.74, 0.15
HSL	96°, 68%, 54%
HSV	96°, 74%, 85%
XYZ	33.4118, 53.9762, 12.3988
YIQ	169.9420, -5.5350, -70.4230

Conversions

Conversions Part 2

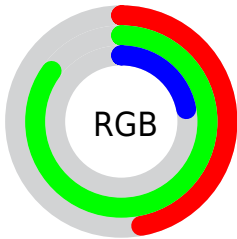
Format	Color
RYB	56, 217, 152
Decimal	7985464
CIELab	78.45, -54.23, 65.90
CIELCh	78, 85.342, 129.449
Yxy	53.9762, 0.3348, 0.5409
Android (android.graphics.Color)	4286175544 (0xFF79D938)
YUV	169.9420, -56.1734, -42.9221
Hunter-Lab	73.4685, -47.3920, 41.4219

Details

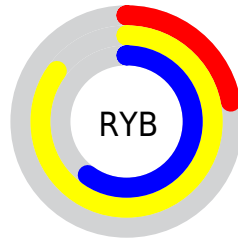
The Hex color **79D938** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9838D9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B4FF71**, and **3BA100** is the 20% darker color. If you saturate the color by 10%, you get **6CD922**, and if you desaturate by 10%, it is **86D94E**.

Distribution



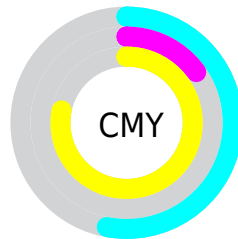
- Red (47%)
- Green (85%)
- Blue (22%)



- Red (22%)
- Yellow (85%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (74%)
- Black (15%)



- Cyan (53%)
- Magenta (15%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79D938 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 79D938 by changing the saturation by 10% instead.

 79D938

 79D938

FFFFFF

 5BBD13

 B4FF71

 3BA100

 D2FF8D

 118600

 F0FFAA

 006C00

 FFFFC6

 005300

 FFFFE4

 003B00

 002400

 000000

 79D938

 79D938

 6CD922

 86D94E

 5FD90D

 93D963

 58D900

 A0D979

 ADD98F

 BAD9A4

 C7D9BA

 D4D9D0

 E1D9E6

 EDD9FB

Harmonies

Analogous

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



D0C600



79D938



00E387

Triad

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



79D938



00DAFF



FF6FAC

Complementary

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



79D938



9838D9

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.



FF7CFC



79D938



00C3FF

Square

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



79D938



00E4FF



E4A1FF



FF8661

Rectangle

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



79D938



00E6BE



E4A1FF



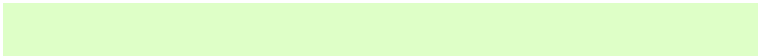
FF6FC7

Sweetspot

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



79D938



DEFFC7



D99638



6C805E



000000



808080

Same Dimension

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



79D938



78FF1C



38D945



676E63



46AD00



132E00

Inverse Universe

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



9838D9



A31CFF



D938CC



69636E



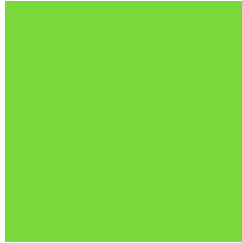
6700AD



1B002E

Previews

White Background



This preview shows how the Hex color 79D938 looks on a white background.

Color Contrast Check

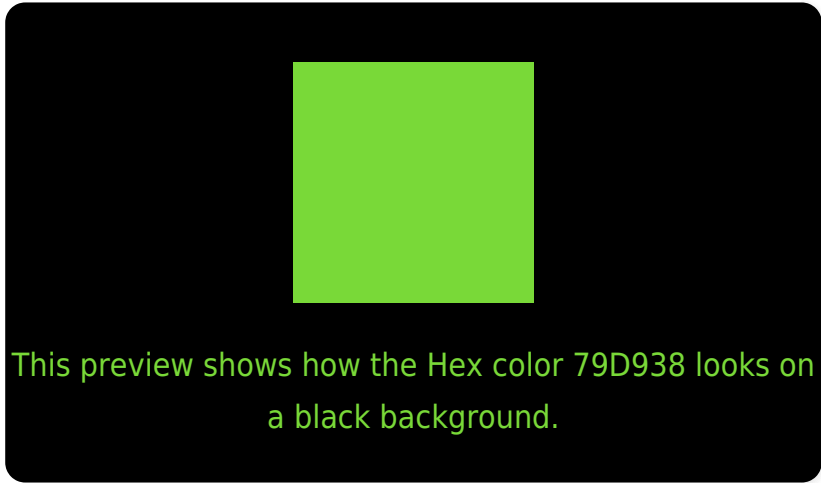
Large Text (above 18pt) WCAG AA × Fail

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 79D938 Background



This preview shows how black text looks on a background with the Hex color 79D938.

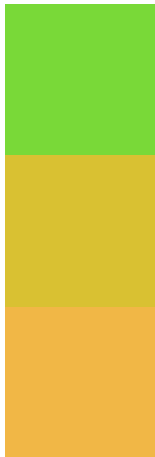


This preview shows how white text looks on a background with the Hex color 79D938.

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
79D938

Protanopia
D9C132

Deuteranopia
F1B746



Tritanopia
92CADB

Trichromacy



Original Color
79D938



Protanomaly
B6CA34



Deuteranomaly
C5C341



Tritanomaly
89CFA0

Monochromacy



Original Color
79D938



Achromatopsia
AAAAAA



Achromatomaly
98BB81

CSS Examples

Text

The CSS property to change the color of the text to Hex 79D938 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 #79D938 looks like.

```
.text, #text, p{  
    color:#79D938  
}
```

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 #79D938 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79D938
}
```

Border

The CSS property to change the border of an element to Hex 79D938 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
#79D938 }
```

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

```
.border{ border-color:#79D938 }
```

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

Here you see how a box with a 4 pixel #79D938 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79D938; -webkit-box-shadow:4px 4px  
4px 4px #79D938; box-shadow:4px 4px 4px  
4px #79D938 }
```

Background

The CSS property to change the background color of an element to Hex 79D938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79D938 }
```

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

```
.background{ background-color:#79D938 }
```

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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