

Converting Colors

Hex(D2F8F9)

Have a look what the booklet for
Hex(D2F8F9) contains.

Hex(D2F8F9)	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(D2F8F9)

Conversions

Conversions Part 1

Format	Color
Hex	D2F8F9
RGB	210, 248, 249
RGB Percent	82%, 97%, 98%
CMY	0.1765, 0.0275, 0.0235
CMYK	0.16, 0.00, 0.00, 0.02
HSL	182°, 76%, 90%
HSV	182°, 16%, 98%
XYZ	77.2446, 87.6760, 102.4745
YIQ	236.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

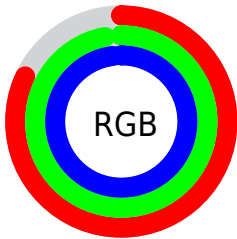
Format	Color
R _Y B	210, 229, 249
Decimal	13826297
CIE Lab	95.02, -11.95, -4.58
CIE LCh	95, 12.797, 200.948
Yxy	87.6760, 0.2889, 0.3279
Android (android.graphics.Color)	4292016377 (0xFFD2F8F9)
YUV	236.7520, 6.0383, -23.4615
Hunter-Lab	93.6355, -16.6084, 0.6580

Details

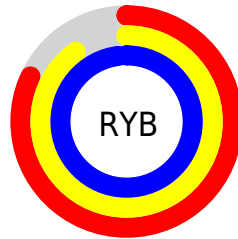
The Hex color **D2F8F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9D3D2**, and the grayscale version is **EDEDED**.

A 20% lighter version of the original color is **FFFFFF**, and **9BC0C1** is the 20% darker color. If you saturate the color by 10%, you get **B9F7F9**, and if you desaturate by 10%, it is **EBF9F9**.

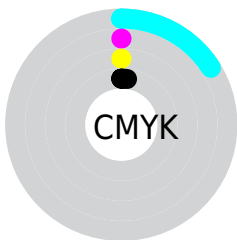
Distribution



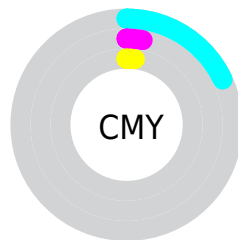
- Red (82%)
- Green (97%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2F8F9 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 D2F8F9 by changing the saturation by 10% instead.

 D2F8F9

FFFFFF

 D2F8F9

 B6DBDC

 9BC0C1

 81A4A5

 678A8B

 4E7172

 365859

 1F4142

 062B2C

 001717

 D2F8F9

 D2F8F9

 B9F7F9

 EBF9F9

 A0F7F9

 FFF9F9

 87F6F9

 FFFAF9

 6EF5F9

 FFFBF9

 55F5F9

 FFFCF9

 3DF4F9

 FFFDF9

 24F4F9

 FFFE9F9

 0BF3F9

 00F3F9

Harmonies

Analogous

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



D8F8EC



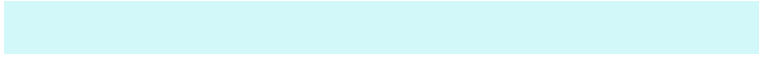
D2F8F9



D5F6FF

Triad

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



D2F8F9



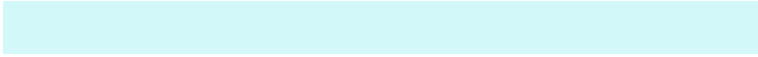
FDEBFF



FFEFD8

Complementary

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



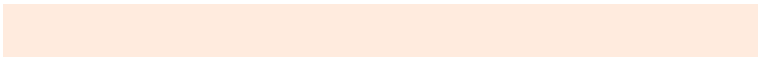
D2F8F9



F9D3D2

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.



FFE8DE



D2F8F9



FFE9F5

Square

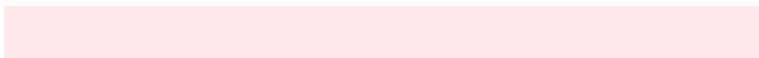
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D2F8F9



EFEFFF



FFE9E8



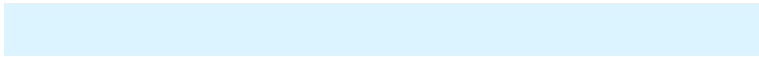
F1F3DA

Rectangle

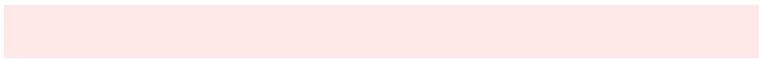
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



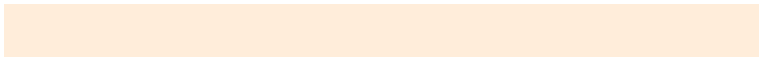
D2F8F9



DBF4FF



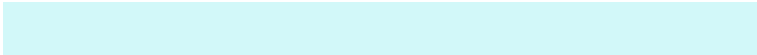
FFE9E8



FFEDDA

Sweetspot

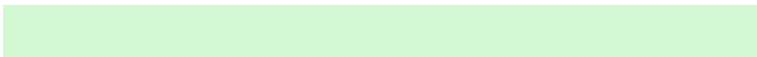
The Sweet Spot groups the original color and five complimentary colors.



D2F8F9



F2FFFF



D2F9D3



787F80



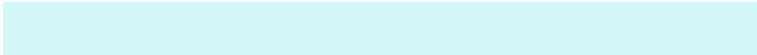
000000



808080

Same Dimension

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



D2F8F9



CFFEFF



D2E5F9



707D7D



00B8BD



003C3D

Inverse Universe

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



F9D2F8



FFCFFE



F9E6D2



7D707D



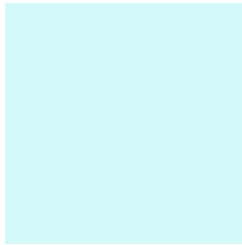
BD00B8



3D003C

Previews

White Background



This preview shows how the Hex color D2F8F9 looks on a white background.

Color Contrast Check

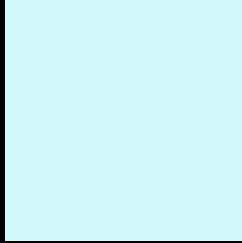
Large Text (above 18pt) WCAG AA × Fail

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 D2F8F9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

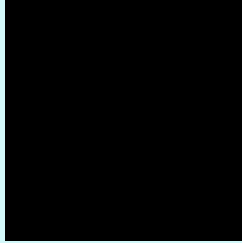
Any Text WCAG AA ✓ Pass

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 D2F8F9 Background



This preview shows how black text looks on a background with the Hex color D2F8F9.

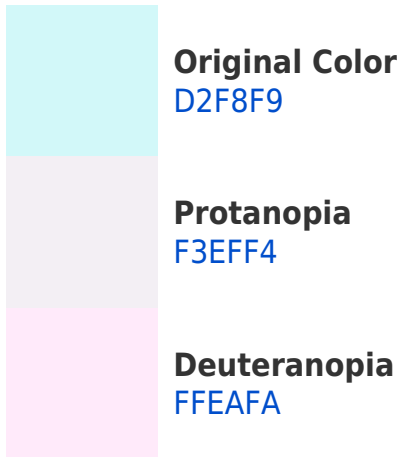


This preview shows how white text looks on a background with the Hex color D2F8F9.

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





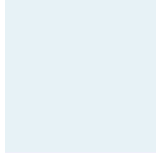
Tritanopia
E1F3FF

Trichromacy



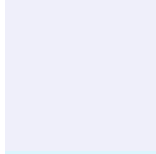
Original Color

D2F8F9



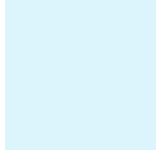
Protanomaly

E7F2F6



Deuteranomaly

EFEFFA



Tritanomaly

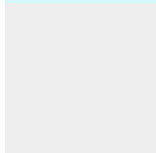
DCF5FD

Monochromacy



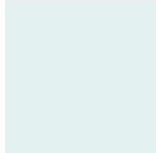
Original Color

D2F8F9



Achromatopsia

EDEDED



Achromatomaly

E3F1F1

CSS Examples

Text

The CSS property to change the color of the text to Hex D2F8F9 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 #D2F8F9 looks like.

```
.text, #text, p{  
    color:#D2F8F9  
}
```

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 #D2F8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2F8F9
}
```

Border

The CSS property to change the border of an element to Hex D2F8F9 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
#D2F8F9 }
```

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

```
.border{ border-color:#D2F8F9 }
```

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

Here you see how a box with a 4 pixel #D2F8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2F8F9; -webkit-box-shadow:4px 4px  
4px 4px #D2F8F9; box-shadow:4px 4px 4px  
4px #D2F8F9 }
```

Background

The CSS property to change the background color of an element to Hex D2F8F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2F8F9 }
```

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

```
.background{ background-color:#D2F8F9 }
```

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