

Converting Colors

Hex(76F9DA)

Have a look what the booklet for
Hex(76F9DA) contains.

Hex(76F9DA)	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(76F9DA)

Conversions

Conversions Part 1

Format	Color
Hex	76F9DA
RGB	118, 249, 218
RGB Percent	46%, 98%, 85%
CMY	0.5373, 0.0235, 0.1451
CMYK	0.53, 0.00, 0.12, 0.02
HSL	166°, 92%, 72%
HSV	166°, 53%, 98%
XYZ	54.0018, 76.6649, 78.2813
YIQ	206.2970, -68.1250, -37.4130

Conversions

Conversions Part 2

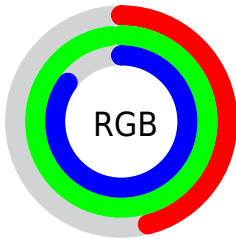
Format	Color
RYB	118, 192, 249
Decimal	7797210
CIELab	90.17, -43.50, 3.88
CIELCh	90, 43.669, 174.905
Yxy	76.6649, 0.2584, 0.3669
Android (android.graphics.Color)	4285987290 (0xFF76F9DA)
YUV	206.2970, 5.7696, -77.4365
Hunter-Lab	87.5585, -43.1373, 8.2830

Details

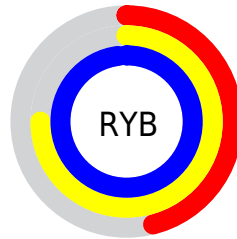
The Hex color **76F9DA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F97695**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **B2FFFF**, and **33C0A3** is the 20% darker color. If you saturate the color by 10%, you get **5DF9D4**, and if you desaturate by 10%, it is **8FF9E0**.

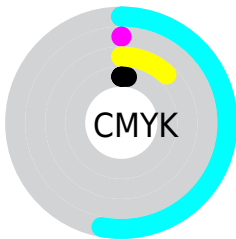
Distribution



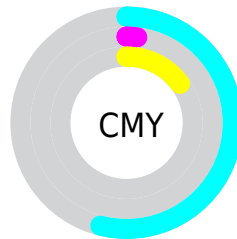
- Red (46%)
- Green (98%)
- Blue (85%)



- Red (46%)
- Yellow (75%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (54%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76F9DA 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 76F9DA by changing the saturation by 10% instead.

 76F9DA

 76F9DA

FFFFFF

 57DCBE

 B2FFFF

 33C0A3

 D0FFFF

 00A489

 EFFFFFF

 008970

 006F57

 005640

 003E2A

 002915

 000100

 76F9DA

 76F9DA

 5DF9D4

 8FF9E0

 44F9CE

 A8F9E6

 2BF9C8

 C1F9EC

 12F9C2

 DAF9F2

 00F9BE

 F3F9F7

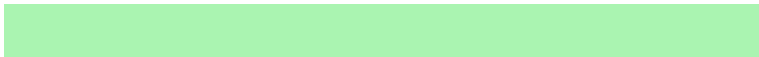
 FFF9FD

 FFF9FF

Harmonies

Analogous

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



AAF4B1



76F9DA



49F9FF

Triad

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



76F9DA



DEDBFF



FFD0A0

Complementary

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



76F9DA



F97695

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.



FFC5C2



76F9DA



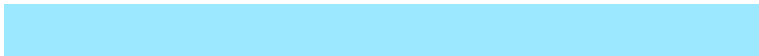
FFCCFF

Square

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



76F9DA



9CE9FF



FFC3EC



FFDE8F

Rectangle

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



76F9DA



4CF6FF



FFC3EC



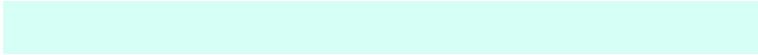
FFCBAA

Sweetspot

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



76F9DA



D6FFF5



97F976



67807A



000000



808080

Same Dimension

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



76F9DA



5EFFD9



76D8F9



707D7A



00BD90



003D2F

Inverse Universe

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



F97695



FF5E84



F99776



7D7073



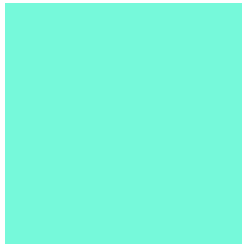
BD002D



3D000E

Previews

White Background



This preview shows how the Hex color 76F9DA looks on a white background.

Color Contrast Check

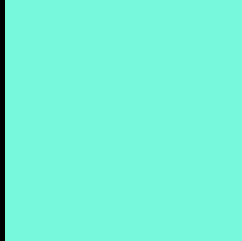
Large Text (above 18pt) WCAG AA × Fail

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 76F9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

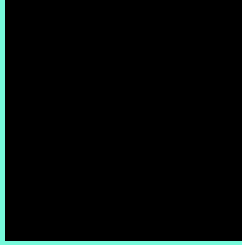
Any Text WCAG AA ✓ Pass

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 76F9DA Background



This preview shows how black text looks on a background with the Hex color 76F9DA.

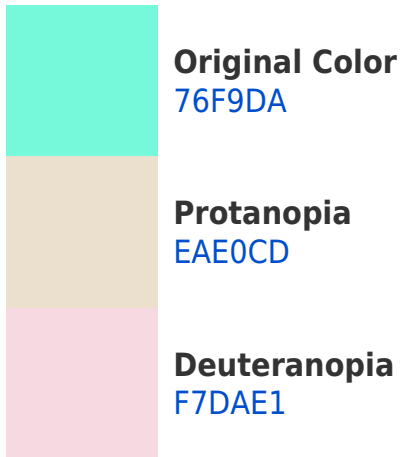


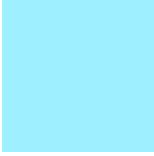
This preview shows how white text looks on a background with the Hex color 76F9DA.

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
9EEFF

Trichromacy



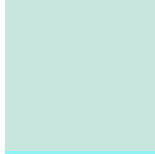
Original Color

76F9DA



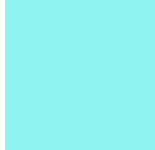
Protanomaly

C0E9D2



Deuteranomaly

C8E5DE



Tritanomaly

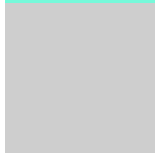
8FF3F2

Monochromacy



Original Color

76F9DA



Achromatopsia

CECECE



Achromatomaly

AEDED2

CSS Examples

Text

The CSS property to change the color of the text to Hex 76F9DA 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 #76F9DA looks like.

```
.text, #text, p{  
    color:#76F9DA  
}
```

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 #76F9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F9DA
}
```

Border

The CSS property to change the border of an element to Hex 76F9DA 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
#76F9DA }
```

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

```
.border{ border-color:#76F9DA }
```

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

Here you see how a box with a 4 pixel #76F9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F9DA; -webkit-box-shadow:4px 4px  
4px 4px #76F9DA; box-shadow:4px 4px 4px  
4px #76F9DA }
```

Background

The CSS property to change the background color of an element to Hex 76F9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F9DA }
```

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

```
.background{ background-color:#76F9DA }
```

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