

# Converting Colors

Hex(36F8D1)

Have a look what the booklet for  
Hex(36F8D1) contains.

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# Color

**Hex(36F8D1)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 36F8D1                        |
| RGB         | 54, 248, 209                  |
| RGB Percent | 21%, 97%, 82%                 |
| CMY         | 0.7882, 0.0275, 0.1804        |
| CMYK        | 0.78, 0.00, 0.16, 0.03        |
| HSL         | 168°, 93%, 59%                |
| HSV         | 168°, 78%, 97%                |
| XYZ         | 46.5973, 72.5225, 71.8639     |
| YIQ         | 185.5480, -103.1050, -53.2570 |

# Conversions

## Conversions Part 2

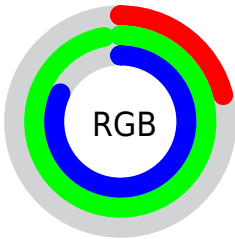
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 54, 162, 248                    |
| Decimal                             | 3602641                         |
| CIELab                              | 88.22, -54.97, 5.56             |
| CIELCh                              | 88, 55.247, 174.228             |
| Yxy                                 | 72.5225, 0.2440,<br>0.3797      |
| Android<br>(android.graphics.Color) | 4281792721<br>(0xFF36F8D1)      |
| YUV                                 | 185.5480, 11.5618,<br>-115.3676 |
| Hunter-Lab                          | 85.1602, -51.3599,<br>9.5792    |

# Details

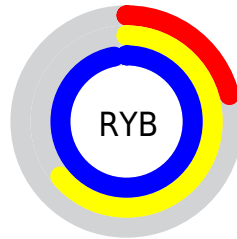
The Hex color **36F8D1** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **F8365D**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **84FFFF**, and **00BE9B** is the 20% darker color. If you saturate the color by 10%, you get **1DF8CC**, and if you desaturate by 10%, it is **4FF8D6**.

# Distribution



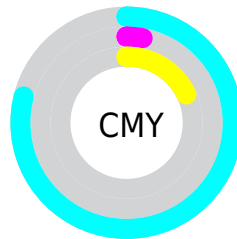
- Red (21%)
- Green (97%)
- Blue (82%)



- Red (21%)
- Yellow (64%)
- Blue (97%)



- Cyan (78%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



- Cyan (79%)
- Magenta (3%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36F8D1 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 36F8D1 by changing the saturation by 10% instead.



 36F8D1

FFFFFF

 84FFFF

 A4FFFF

 C4FFFF

 E4FFFF

 36F8D1

 00DBB5

 00BE9B

 00A381

 008868

 006D50

 005339

 003B23

 00240E

 000000

 36F8D1

 36F8D1

 1DF8CC

 4FF8D6

 04F8C7

 68F8DB

 00F8C6

 80F8E0

 99F8E5

 B2F8EA

 CBF8EF

 E4F8F4

 FCF8F9

 FFF8FE

# Harmonies

## Analogous

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



94F29E



36F8D1



00F8FF

# Triad

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



36F8D1



D3D4FF



FFC48A

# Complementary

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



36F8D1



F8365D

# 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.



FFB5B5



36F8D1



FFC0FF

# Square

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



36F8D1



6FE6FF



FFB3EA



FFD773

# Rectangle

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



36F8D1



00F5FF



FFB3EA



FFBE96

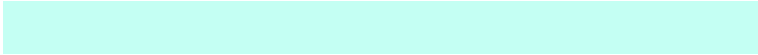


# Sweetspot

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



36F8D1



C4FFF3



60F836



5C8078



000000



808080



# Same Dimension

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



36F8D1



0FFFCF



36C1F8



707D7A



00BD97



003D31



# Inverse Universe

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



F8365D



FF0F3F



F86D36



7D7073



BD0026

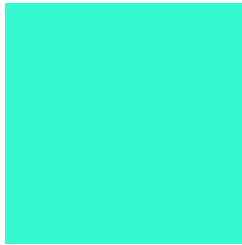


3D000C



# Previews

## White Background



This preview shows how the Hex color 36F8D1 looks on a white background.

## Color Contrast Check

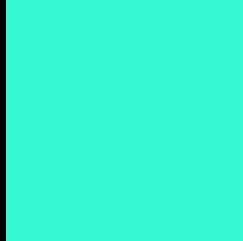
Large Text (above 18pt) WCAG AA × Fail

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 36F8D1 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 36F8D1 Background



This preview shows how black text looks on a background with the Hex color 36F8D1.

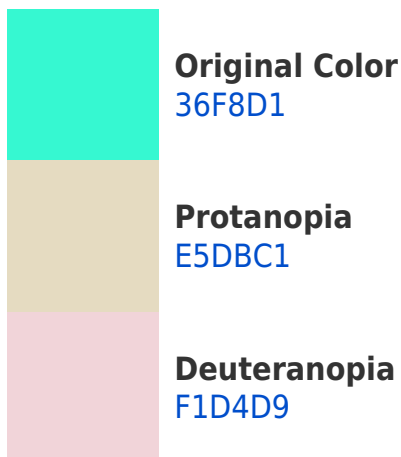


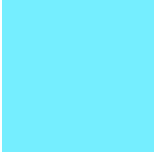
This preview shows how white text looks on a background with the Hex color 36F8D1.

# 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**  
75EEFF

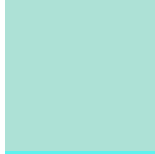
# Trichromacy



**Original Color**  
36F8D1



**Protanomaly**  
A5E6C7



**Deuteranomaly**  
ADE1D6

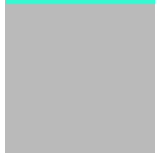


**Tritanomaly**  
5EF2EE

# Monochromacy



**Original Color**  
36F8D1



**Achromatopsia**  
BABABA



**Achromatomaly**  
8AD1C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36F8D1 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 #36F8D1 looks like.

```
.text, #text, p{  
    color:#36F8D1  
}
```

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 #36F8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36F8D1
}
```

## Border

The CSS property to change the border of an element to Hex 36F8D1 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
#36F8D1 }
```

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

```
.border{ border-color:#36F8D1 }
```

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

Here you see how a box with a 4 pixel #36F8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36F8D1; -webkit-box-shadow:4px 4px  
4px 4px #36F8D1; box-shadow:4px 4px 4px  
4px #36F8D1 }
```

# Background

The CSS property to change the background color of an element to Hex 36F8D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36F8D1 }
```

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

```
.background{ background-color:#36F8D1 }
```

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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