

# Converting Colors

Hex(32F996)

Have a look what the booklet for  
Hex(32F996) contains.

<b>Hex(32F996)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(32F996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32F996
RGB	50, 249, 150
RGB Percent	20%, 98%, 59%
CMY	0.8039, 0.0235, 0.4118
CMYK	0.80, 0.00, 0.40, 0.02
HSL	150°, 94%, 59%
HSV	150°, 80%, 98%
XYZ	40.6961, 70.6315, 40.3425
YIQ	178.2130, -86.8250, -72.9770

# Conversions

## Conversions Part 2

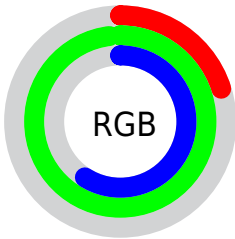
Format	Color
<a href="#">RYB</a>	<a href="#">50, 182, 249</a>
Decimal	<a href="#">3340694</a>
CIELab	<a href="#">87.31, -68.43, 34.47</a>
CIELCh	<a href="#">87, 76.617, 153.266</a>
Yxy	<a href="#">70.6315, 0.2683, 0.4657</a>
Android (android.graphics.Color)	<a href="#">4281530774 (0xFF32F996)</a>
YUV	<a href="#">178.2130, -13.9090, -112.4428</a>
Hunter-Lab	<a href="#">84.0425, -60.6390, 30.3691</a>

# Details

The Hex color **32F996** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F93295**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **80FFCD**, and **00BF62** is the 20% darker color. If you saturate the color by 10%, you get **19F98A**, and if you desaturate by 10%, it is **4BF9A2**.

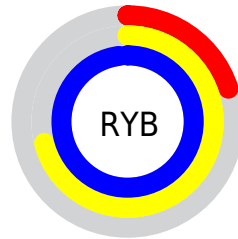
# Distribution



Red (20%)

Green (98%)

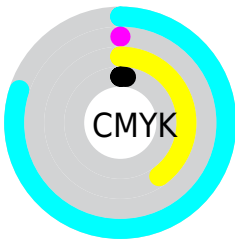
Blue (59%)



Red (20%)

Yellow (71%)

Blue (98%)

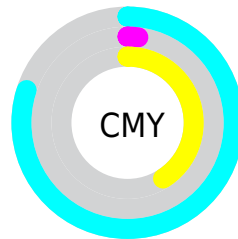


Cyan (80%)

Magenta (0%)

Yellow (40%)

Black (2%)



Cyan (80%)

Magenta (2%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32F996 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 32F996 by changing the saturation by 10% instead.



 32F996

FFFFFF

 80FFCD

 A1FFE9

 C1FFFF

 E1FFFF

 32F996

 00DC7C

 00BF62

 00A349

 008831

 006D18

 005300

 003A00

 002100

 000000

 32F996

 32F996

 19F98A

 4BF9A2

 00F97D

 64F9AF

 7DF9BB

 96F9C8

 AEF9D4

 C7F9E0

 E0F9ED

 F9F9F9

 FFF9FF

# Harmonies

## Analogous

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



AFED58



32F996



00FEE1

# Triad

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



32F996



34E0FF



FFA38F

# Complementary

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



32F996



F93295

# 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.



FF97D6



32F996



E7C4FF

# Square

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



32F996



00F3FF



FFA6FF



FFBF56

# Rectangle

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



32F996



00FEFF



FFA6FF



FF9CA6

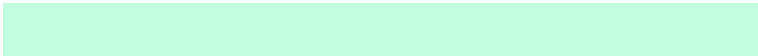


# Sweetspot

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



32F996



C2FFE1



95F932



5B806D



000000



808080



# Same Dimension

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



32F996



0AFF85



32F9F9



707D77



00BD5F



003D1F



# Inverse Universe

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



F93295



FF0A84



F93232



7D7077



BD005E

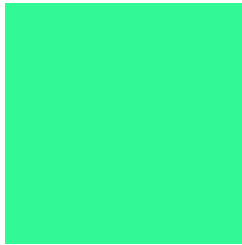


3D001E



# Previews

## White Background



This preview shows how the Hex color 32F996 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 32F996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

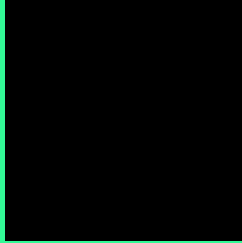
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32F996 Background



This preview shows how black text looks on a background with the Hex color 32F996.

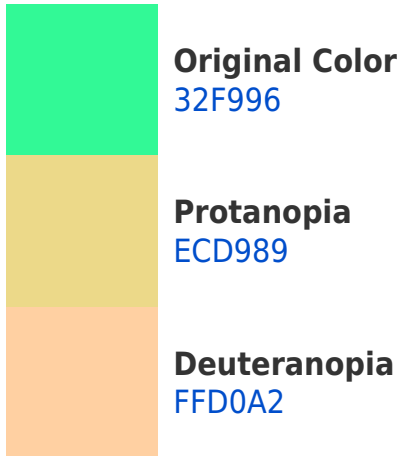


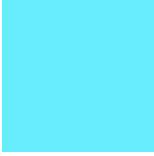
This preview shows how white text looks on a background with the Hex color 32F996.

# 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**  
68ECFF

# Trichromacy



**Original Color**  
32F996



**Protanomaly**  
A8E58E



**Deuteranomaly**  
B4DF9E



**Tritanomaly**  
54F1D9

# Monochromacy



**Original Color**  
32F996



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
83CCA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32F996 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 #32F996 looks like.

```
.text, #text, p{  
    color:#32F996  
}
```

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 #32F996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32F996
}
```

## Border

The CSS property to change the border of an element to Hex 32F996 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
#32F996 }
```

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

```
.border{ border-color:#32F996 }
```

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

Here you see how a box with a 4 pixel #32F996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32F996; -webkit-box-shadow:4px 4px  
4px 4px #32F996; box-shadow:4px 4px 4px  
4px #32F996 }
```

# Background

The CSS property to change the background color of an element to Hex 32F996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32F996 }
```

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

```
.background{ background-color:#32F996 }
```

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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