

Converting Colors

Hex(32F900)

Have a look what the booklet for
Hex(32F900) contains.

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Color

Hex(32F900)

Conversions

Conversions Part 1

Format	Color
Hex	32F900
RGB	50, 249, 0
RGB Percent	20%, 98%, 0%
CMY	0.8039, 0.0235, 1.0000
CMYK	0.80, 0.00, 1.00, 0.02
HSL	108°, 100%, 49%
HSV	108°, 100%, 98%
XYZ	35.1911, 68.4295, 11.3535
YIQ	161.1130, -38.6750, -119.6270

Conversions

Conversions Part 2

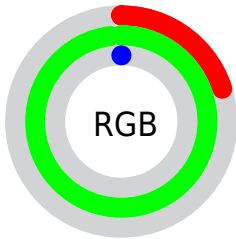
Format	Color
RYB	0, 249, 199
Decimal	3340544
CIELab	86.22, -81.57, 82.11
CIELCh	86, 115.740, 134.813
Yxy	68.4295, 0.3061, 0.5952
Android (android.graphics.Color)	4281530624 (0xFF32F900)
YUV	161.1130, -79.4287, -97.4461
Hunter-Lab	82.7221, -68.8274, 49.7680

Details

The Hex color **32F900** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **C700F9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **84FF5B**, and **00BF00** is the 20% darker color. If you saturate the color by 10%, you get **32F900**, and if you desaturate by 10%, it is **46F919**.

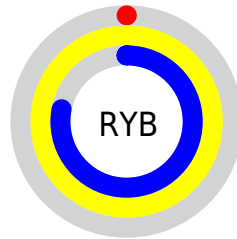
Distribution



Red (20%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (78%)

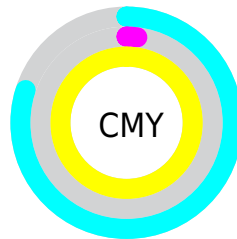


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (80%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32F900 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 32F900 by changing the saturation by 10% instead.

 32F900

 32F900

FFFFFF

 00DC00

 84FF5B

 00BF00

 A6FF7A

 00A300

 C7FF98

 008700

 E7FFB5

 006C00

 FFFFD3

 005100

 FFFFF1

 003800

 001E00

 000000

 32F900

 46F919

 5AF932

 6EF94B

 82F964

 96F97D

 A9F995

 BDF9AE

 D1F9C7

 E5F9E0

Harmonies

Analogous

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



D1E400



32F900



00FF9A

Triad

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



32F900



00F5FF



FF45A7

Complementary

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



32F900



C700F9

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.



FF56FF



32F900



00D3FF

Square

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



32F900



00FFFF



FF9CFF



FF853A

Rectangle

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



32F900



00FFE7



FF9CFF



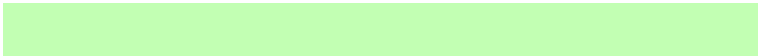
FF3BCB

Sweetspot

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



32F900



C2FFB3



F9C300



5B8052



000000



808080

Same Dimension

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



32F900



33FF00



00F947



737D70



26BD00



0C3D00

Inverse Universe

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



C700F9



CC00FF



F900B2



7A707D



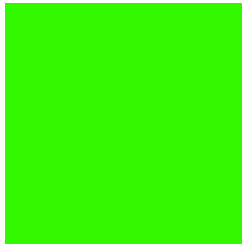
9700BD



31003D

Previews

White Background



This preview shows how the Hex color 32F900 looks on a white background.

Color Contrast Check

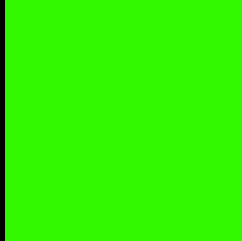
Large Text (above 18pt) WCAG AA × Fail

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 32F900 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 32F900 Background



This preview shows how black text looks on a background with the Hex color 32F900.



This preview shows how white text looks on a background with the Hex color 32F900.

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](#).

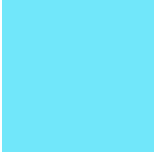
Dichromacy



Original Color
32F900

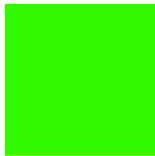
Protanopia
F1D600

Deuteranopia
FFCE7C



Tritanopia
71E7FA

Trichromacy



Original Color
32F900



Protanomaly
ACE300

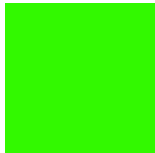


Deuteranomaly
B4DE4F

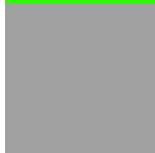


Tritanomaly
5AEE9F

Monochromacy



Original Color
32F900



Achromatopsia
A1A1A1



Achromatomaly
79C166

CSS Examples

Text

The CSS property to change the color of the text to Hex 32F900 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 #32F900 looks like.

```
.text, #text, p{  
    color:#32F900  
}
```

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 #32F900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32F900
}
```

Border

The CSS property to change the border of an element to Hex 32F900 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
#32F900 }
```

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

```
.border{ border-color:#32F900 }
```

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

Here you see how a box with a 4 pixel #32F900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32F900; -webkit-box-shadow:4px 4px  
4px 4px #32F900; box-shadow:4px 4px 4px  
4px #32F900 }
```

Background

The CSS property to change the background color of an element to Hex 32F900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32F900 }
```

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

```
.background{ background-color:#32F900 }
```

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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