

Converting Colors

Hex(32F838)

Have a look what the booklet for
Hex(32F838) contains.

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Color

Hex(32F838)

Conversions

Conversions Part 1

Format	Color
Hex	32F838
RGB	50, 248, 56
RGB Percent	20%, 97%, 22%
CMY	0.8039, 0.0275, 0.7804
CMYK	0.80, 0.00, 0.77, 0.03
HSL	122°, 93%, 58%
HSV	122°, 80%, 97%
XYZ	35.5966, 68.0984, 15.0096
YIQ	166.9100, -56.3760, -101.6880

Conversions

Conversions Part 2

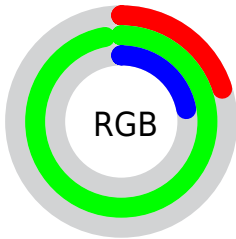
Format	Color
RYB	50, 242, 248
Decimal	3340344
CIELab	86.06, -79.49, 72.64
CIELCh	86, 107.681, 137.576
Yxy	68.0984, 0.2999, 0.5737
Android (android.graphics.Color)	4281530424 (0xFF32F838)
YUV	166.9100, -54.6786, -102.5301
Hunter-Lab	82.5218, -67.4153, 46.9812

Details

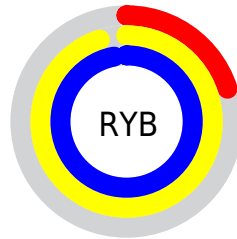
The Hex color **32F838** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F832F2**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **83FF75**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **19F820**, and if you desaturate by 10%, it is **4BF850**.

Distribution



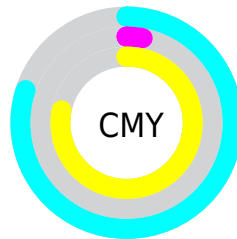
- Red (20%)
- Green (97%)
- Blue (22%)



- Red (20%)
- Yellow (95%)
- Blue (97%)



- Cyan (80%)
- Magenta (0%)
- Yellow (77%)
- Black (3%)



- Cyan (80%)
- Magenta (3%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32F838 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 32F838 by changing the saturation by 10% instead.

 32F838

 32F838

FFFFFF

 00DB0B

 83FF75

 00BE00

 A4FF91

 00A200

 C5FFAE

 008600

 E5FFCC

 006B00

 FFFFE9

 005100

 003800

 001D00

 000000

 32F838

 32F838

 19F820

 4BF850

 00F808

 64F868

 7CF880

 95F898

 AEF8B0

 C7F8C8

 E0F8E0

 F8F8F8

 FFF8FF

Harmonies

Analogous

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



CAE500



32F838



00FFA8

Triad

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



32F838



00FFFF



FF00FF

Complementary

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



32F838



F832F2

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.



FF65FF



32F838



52CFFF

Square

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



32F838



00FFFF



FF9CFF



FF933D

Rectangle

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



32F838



00FFEF



FF9CFF



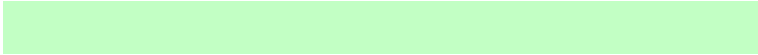
FF58C2

Sweetspot

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



32F838



C2FFC4



F5F832



5B805C



000000



808080

Same Dimension

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



32F838



0AFF12



32F898



707D71



00BD06



003D02

Inverse Universe

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



F832F2



FF0AF8



F83292



7D707D



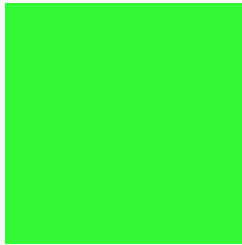
BD00B7



3D003B

Previews

White Background



This preview shows how the Hex color 32F838 looks on a white background.

Color Contrast Check

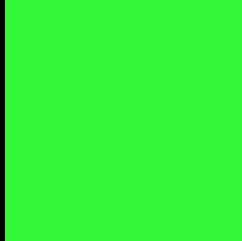
Large Text (above 18pt) WCAG AA × Fail

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 32F838 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 32F838 Background



This preview shows how black text looks on a background with the Hex color 32F838.

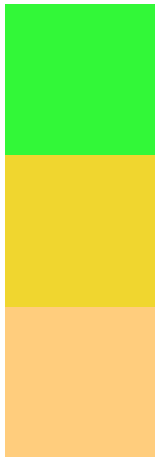


This preview shows how white text looks on a background with the Hex color 32F838.

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](#).

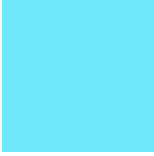
Dichromacy



Original Color
32F838

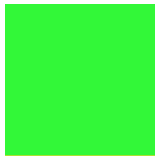
Protanopia
F0D62F

Deuteranopia
FFCD7D



Tritanopia
70E7FA

Trichromacy



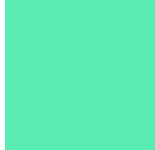
Original Color
32F838



Protanomaly
ABE232

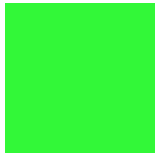


Deuteranomaly
B4DD64



Tritanomaly
59EDB3

Monochromacy



Original Color
32F838



Achromatopsia
A7A7A7



Achromatomaly
7CC47F

CSS Examples

Text

The CSS property to change the color of the text to Hex 32F838 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 #32F838 looks like.

```
.text, #text, p{  
    color:#32F838  
}
```

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 #32F838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32F838
}
```

Border

The CSS property to change the border of an element to Hex 32F838 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
#32F838 }
```

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

```
.border{ border-color:#32F838 }
```

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

Here you see how a box with a 4 pixel #32F838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32F838; -webkit-box-shadow:4px 4px  
4px 4px #32F838; box-shadow:4px 4px 4px  
4px #32F838 }
```

Background

The CSS property to change the background color of an element to Hex 32F838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32F838 }
```

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

```
.background{ background-color:#32F838 }
```

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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