

Converting Colors

Hex(18F32A)

Have a look what the booklet for
Hex(18F32A) contains.

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Color

Hex(18F32A)

Conversions

Conversions Part 1

Format	Color
Hex	18F32A
RGB	24, 243, 42
RGB Percent	9%, 95%, 16%
CMY	0.9059, 0.0471, 0.8353
CMYK	0.90, 0.00, 0.83, 0.05
HSL	125°, 90%, 52%
HSV	125°, 90%, 95%
XYZ	32.8452, 64.4625, 12.9019
YIQ	154.6050, -66.0030, -108.9390

Conversions

Conversions Part 2

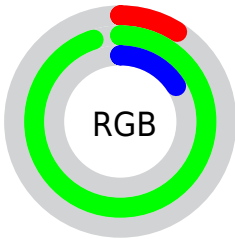
Format	Color
R _Y B	24, 226, 243
Decimal	1635114
CIE Lab	84.21, -81.05, 74.54
CIE LCh	84, 110.113, 137.398
Yxy	64.4625, 0.2980, 0.5849
Android (android.graphics.Color)	4279825194 (0xFF18F32A)
YUV	154.6050, -55.5143, -114.5406
Hunter-Lab	80.2886, -67.4825, 46.6745

Details

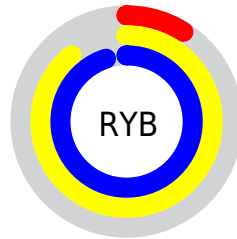
The Hex color **18F32A** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F318E1**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **78FF6A**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **00F314**, and if you desaturate by 10%, it is **30F340**.

Distribution



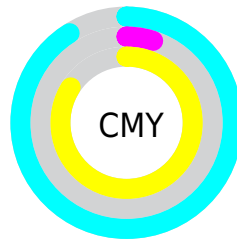
- Red (9%)
- Green (95%)
- Blue (16%)



- Red (9%)
- Yellow (89%)
- Blue (95%)



- Cyan (90%)
- Magenta (0%)
- Yellow (83%)
- Black (5%)



- Cyan (91%)
- Magenta (5%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18F32A 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 18F32A by changing the saturation by 10% instead.

 18F32A

 18F32A

FFFFFF

 00D600

 78FF6A

 00B900

 9AFF87

 009D00

 BBFFA4

 008100

 DCFFC2

 006600

 FCFFDF

 004C00

FFFFFFD

 003300

 001700

 000000

 18F32A

 18F32A

 00F314

 30F340

 49F357

 61F36D

 79F383

 91F39A

 AAF3B0

 C2F3C6

 DAF3DC

 F3F3F3

Harmonies

Analogous

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



C4E000



18F32A



00FCA1

Triad

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



18F32A



00EBFF



FF529B

Complementary

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



18F32A



F318E1

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.



FF57FF



18F32A



2FCAFF

Square

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



18F32A



00BFF



FF95FF



FF8B34

Rectangle

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



18F32A



00FFEA



FF95FF



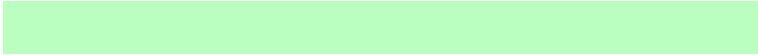
FF48BD

Sweetspot

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



18F32A



BAFFC0



E4F318



57805A



000000



808080

Same Dimension

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



18F32A



00FF15



18F394



6E7A6F



00BA0F



003B05

Inverse Universe

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



F318E1



FF00EA



F31877



7A6E79



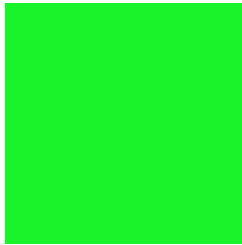
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 18F32A 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 18F32A 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 18F32A Background



This preview shows how black text looks on a background with the Hex color 18F32A.

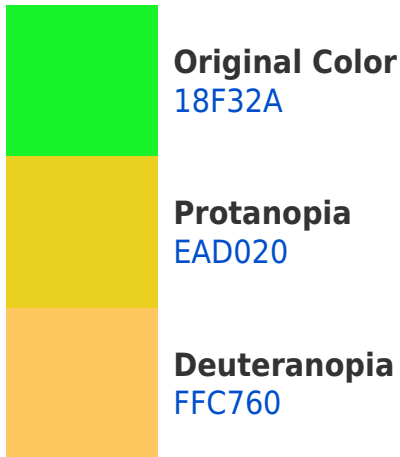


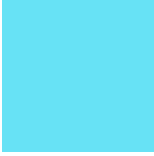
This preview shows how white text looks on a background with the Hex color 18F32A.

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](#).

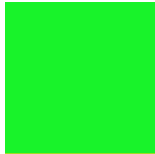
Dichromacy





Tritanopia
67E2F5

Trichromacy



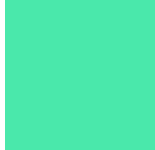
Original Color
18F32A



Protanomaly
9EDD24

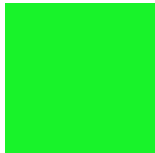


Deuteranomaly
ABD74C



Tritanomaly
4AE8AB

Monochromacy



Original Color
18F32A



Achromatopsia
9B9B9B



Achromatomaly
6BBB72

CSS Examples

Text

The CSS property to change the color of the text to Hex 18F32A 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 #18F32A looks like.

```
.text, #text, p{  
    color:#18F32A  
}
```

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 #18F32A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18F32A
}
```

Border

The CSS property to change the border of an element to Hex 18F32A 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
#18F32A }
```

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

```
.border{ border-color:#18F32A }
```

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

Here you see how a box with a 4 pixel #18F32A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18F32A; -webkit-box-shadow:4px 4px  
4px 4px #18F32A; box-shadow:4px 4px 4px  
4px #18F32A }
```

Background

The CSS property to change the background color of an element to Hex 18F32A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18F32A }
```

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

```
.background{ background-color:#18F32A }
```

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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