

Converting Colors

Hex(18FEA2)

Have a look what the booklet for
Hex(18FEA2) contains.

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Color

Hex(18FEA2)

Conversions

Conversions Part 1

Format	Color
Hex	18FEA2
RGB	24, 254, 162
RGB Percent	9%, 100%, 64%
CMY	0.9059, 0.0039, 0.3647
CMYK	0.91, 0.00, 0.36, 0.00
HSL	156°, 99%, 55%
HSV	156°, 91%, 100%
XYZ	42.3401, 73.6864, 46.1738
YIQ	174.7420, -107.5480, -77.3720

Conversions

Conversions Part 2

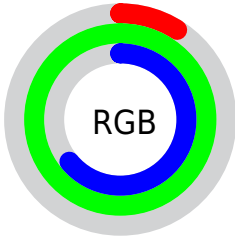
Format	Color
R_{YB}	24, 168, 254
Decimal	1638050
CIE _{Lab}	88.77, -69.75, 30.39
CIE _{LCh}	89, 76.080, 156.460
Yxy	73.6864, 0.2610, 0.4543
Android (android.graphics.Color)	4279828130 (0xFF18FEA2)
YUV	174.7420, -6.2818, -132.2007
Hunter-Lab	85.8408, -62.1781, 28.1965

Details

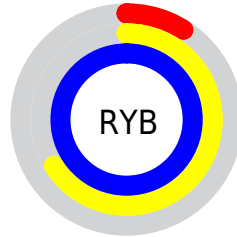
The Hex color **18FEA2** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **FE1874**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **77FFD9**, and **00C46E** is the 20% darker color. If you saturate the color by 10%, you get **00FE98**, and if you desaturate by 10%, it is **31FEAC**.

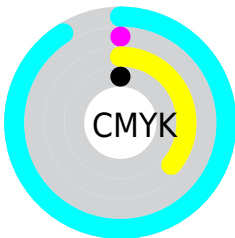
Distribution



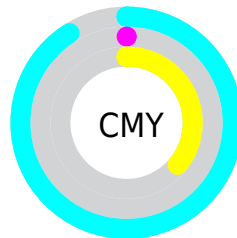
- Red (9%)
- Green (100%)
- Blue (64%)



- Red (9%)
- Yellow (66%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18FEA2 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 18FEA2 by changing the saturation by 10% instead.

 18FEA2

FFFFFF

 77FFD9

 9AFF66

 BAFFF6

 DAFFF6

 FAFFF6

 18FEA2

 00E187

 00C46E

 00A855

 008C3C

 007125

 00570C

 003E00

 002500

 000000

 18FEA2

 18FEA2

 00FE98

 31FEAC

 4BFEB6

 64FEC0

 7EFECB

 97FED5

 B0FEDF

 CAFEE9

 E3FEF3

 FDFEFD

Harmonies

Analogous

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



ABF362



18FEA2



00FFED

Triad

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



18FEA2



64E2FF



FFA88C

Complementary

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



18FEA2



FE1874

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.



FF9CD2



18FEA2



F7C5FF

Square

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



18FEA2



00F6FF



FFA8FF



FFC656

Rectangle

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



18FEA2



00FFFF



FFA8FF



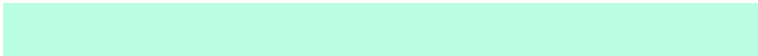
FFA3A2

Sweetspot

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



18FEA2



BAFFE3



74FE18



57806F



000000



808080

Same Dimension

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



18FEA2



00FF99



18E7FE



73807A



00BF73



004026

Inverse Universe

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



FE1874



FF0066



FE2F18



807378



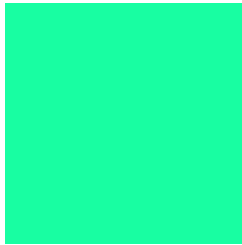
BF004D



40001A

Previews

White Background



This preview shows how the Hex color 18FEA2 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 18FEA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

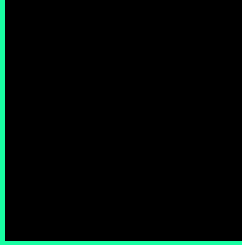
Any Text WCAG AA ✓ Pass

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 18FEA2 Background



This preview shows how black text looks on a background with the Hex color 18FEA2.

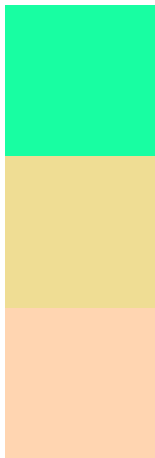


This preview shows how white text looks on a background with the Hex color 18FEA2.

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](#).

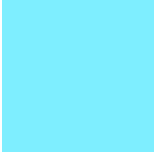
Dichromacy



Original Color
18FEA2

Protanopia
EFDD94

Deuteranopia
FFD5B1



Tritanopia
7EEEEFF

Trichromacy



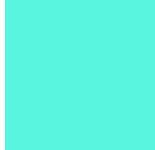
Original Color
18FEA2



Protanomaly
A1E999



Deuteranomaly
ABE4AC

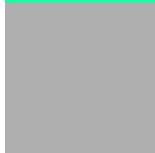


Tritanomaly
59F4DD

Monochromacy



Original Color
18FEA2



Achromatopsia
AFAFAF



Achromatomaly
78CCAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 18FEA2 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 #18FEA2 looks like.

```
.text, #text, p{  
    color:#18FEA2  
}
```

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 #18FEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18FEA2
}
```

Border

The CSS property to change the border of an element to Hex 18FEA2 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
#18FEA2 }
```

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

```
.border{ border-color:#18FEA2 }
```

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

Here you see how a box with a 4 pixel #18FEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18FEA2; -webkit-box-shadow:4px 4px  
4px 4px #18FEA2; box-shadow:4px 4px 4px  
4px #18FEA2 }
```

Background

The CSS property to change the background color of an element to Hex 18FEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18FEA2 }
```

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

```
.background{ background-color:#18FEA2 }
```

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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