

Converting Colors

Hex(16EFA2)

Have a look what the booklet for
Hex(16EFA2) contains.

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Color

Hex(16EFA2)

Conversions

Conversions Part 1

Format	Color
Hex	16EFA2
RGB	22, 239, 162
RGB Percent	9%, 94%, 64%
CMY	0.9137, 0.0627, 0.3647
CMYK	0.91, 0.00, 0.32, 0.06
HSL	159°, 87%, 51%
HSV	159°, 91%, 94%
XYZ	37.7190, 64.5122, 44.6465
YIQ	165.3390, -104.6150, -69.9510

Conversions

Conversions Part 2

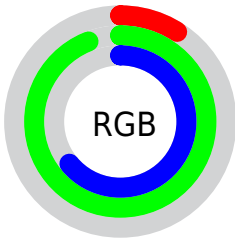
Format	Color
R_{YB}	22, 154, 239
Decimal	1503138
CIE _{Lab}	84.23, -64.60, 24.23
CIE _{LCh}	84, 68.995, 159.441
Yxy	64.5122, 0.2568, 0.4392
Android (android.graphics.Color)	4279693218 (0xFF16EFA2)
YUV	165.3390, -1.6461, -125.7083
Hunter-Lab	80.3195, -56.7334, 23.2666

Details

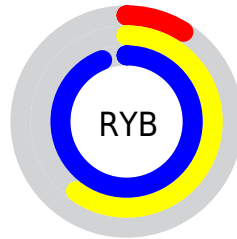
The Hex color **16EFA2** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EF1663**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **73FFD9**, and **00B66E** is the 20% darker color. If you saturate the color by 10%, you get **00EF9A**, and if you desaturate by 10%, it is **2EEFAA**.

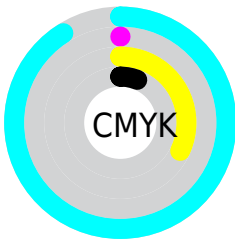
Distribution



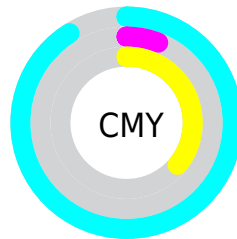
- Red (9%)
- Green (94%)
- Blue (64%)



- Red (9%)
- Yellow (60%)
- Blue (94%)



- Cyan (91%)
- Magenta (0%)
- Yellow (32%)
- Black (6%)



- Cyan (91%)
- Magenta (6%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16EFA2 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 16EFA2 by changing the saturation by 10% instead.

 16EFA2

FFFFFF

 73FFD9

 95FFF6

 B5FFFF


 D5FFFF

 F4FFFF

 16EFA2

 00D288

 00B66E

 009A55

 007F3D

 006427

 004A10

 003300

 001700

 000000

 16EFA2

 16EFA2

 00EF9A

 2EEFAA

 46EFB3

 5EEFBB

 76EFC4

 8DEFCC

 A5EFD5

 BDEFDD

 D5EFE6

 EDEFEE

Harmonies

Analogous

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



9CE668



16EFA2



00F2E5

Triad

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



16EFA2



7ED2FF



FFA683

Complementary

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



16EFA2



EF1663

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.



FF98C0



16EFA2



F1B8FF

Square

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



16EFA2



00E5FF



FFA0FF



FFBE55

Rectangle

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



16EFA2



00F1FF



FFA0FF



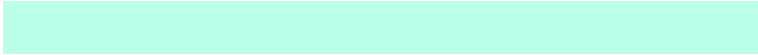
FF9F96

Sweetspot

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



16EFA2



BAFFE7



66EF16



578071



000000



808080

Same Dimension

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



16EFA2



00FFA5



16D2EF



6C7874



00B876



003824

Inverse Universe

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



EF1663



FF005A



EF3316



786C70



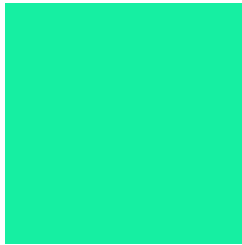
B80041



380014

Previews

White Background



This preview shows how the Hex color 16EFA2 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 16EFA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

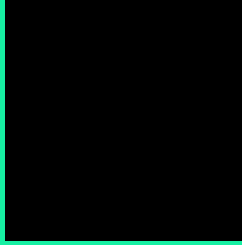
Any Text WCAG AA ✓ Pass

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 16EFA2 Background



This preview shows how black text looks on a background with the Hex color 16EFA2.

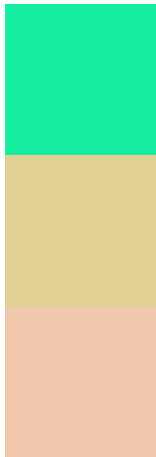


This preview shows how white text looks on a background with the Hex color 16EFA2.

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](#).

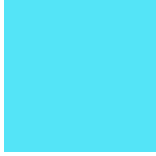
Dichromacy



Original Color
16EFA2

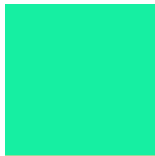
Protanopia
E0D094

Deuteranopia
F1C8AB



Tritanopia
54E4F7

Trichromacy



Original Color
16EFA2



Protanomaly
97DB99



Deuteranomaly
A1D6A8

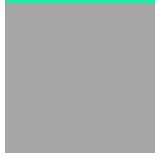


Tritanomaly
3DE8D8

Monochromacy



Original Color
16EFA2



Achromatopsia
A5A5A5



Achromatomaly
71C0A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 16EFA2 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 #16EFA2 looks like.

```
.text, #text, p{  
    color:#16EFA2  
}
```

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 #16EFA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16EFA2
}
```

Border

The CSS property to change the border of an element to Hex 16EFA2 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
#16EFA2 }
```

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

```
.border{ border-color:#16EFA2 }
```

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

Here you see how a box with a 4 pixel #16EFA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16EFA2; -webkit-box-shadow:4px 4px  
4px 4px #16EFA2; box-shadow:4px 4px 4px  
4px #16EFA2 }
```

Background

The CSS property to change the background color of an element to Hex 16EFA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16EFA2 }
```

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

```
.background{ background-color:#16EFA2 }
```

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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