

Converting Colors

Hex(16F2F2)

Have a look what the booklet for
Hex(16F2F2) contains.

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Color

Hex(16F2F2)

Conversions

Conversions Part 1

Format	Color
Hex	16F2F2
RGB	22, 242, 242
RGB Percent	9%, 95%, 95%
CMY	0.9137, 0.0510, 0.0510
CMYK	0.91, 0.00, 0.00, 0.05
HSL	180°, 89%, 52%
HSV	180°, 91%, 95%
XYZ	48.1100, 70.0856, 94.9966
YIQ	176.2200, -131.1200, -46.6400

Conversions

Conversions Part 2

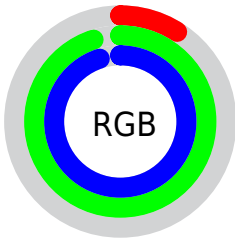
Format	Color
R _{YB}	22, 132, 242
Decimal	1503986
CIE Lab	87.04, -45.66, -13.46
CIE LCh	87, 47.598, 196.420
Yxy	70.0856, 0.2257, 0.3287
Android (android.graphics.Color)	4279694066 (0xFF16F2F2)
YUV	176.2200, 32.4295, -135.2509
Hunter-Lab	83.7172, -43.9259, -8.6763

Details

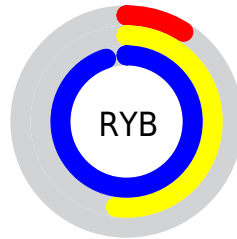
The Hex color **16F2F2** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F21616**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **79FFFF**, and **00B9BA** is the 20% darker color. If you saturate the color by 10%, you get **00F2F2**, and if you desaturate by 10%, it is **2EF2F2**.

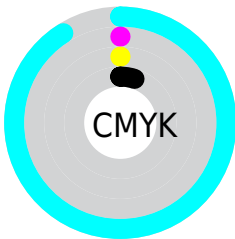
Distribution



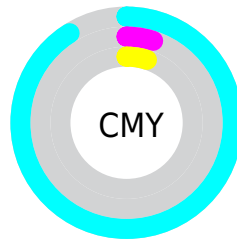
- Red (9%)
- Green (95%)
- Blue (95%)



- Red (9%)
- Yellow (52%)
- Blue (95%)



- Cyan (91%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 16F2F2 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 16F2F2 by changing the saturation by 10% instead.

 16F2F2

 16F2F2

FFFFFF

 00D5D6

 79FFFF

 00B9BA

 9CFFFF

 009E9F

 BDFFFF

 008385

 DDFFFF

 00696C

FEFFFF

 005054

 00373C

 002127

 000112

 16F2F2

 16F2F2

 00F2F2

 2EF2F2

 46F2F2

 5FF2F2

 77F2F2

 8FF2F2

 A7F2F2

 BFF2F2

 D8F2F2

 F0F2F2

Harmonies

Analogous

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



70F1C3



16F2F2



00EEFF

Triad

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



16F2F2



FEC5FF



FFD082

Complementary

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



16F2F2



F21616

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.



FFC19A



16F2F2



FFB9F1

Square

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



16F2F2



C0D6FF



FFB7C3



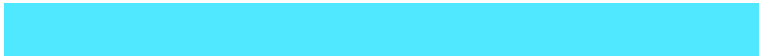
DFDF82

Rectangle

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



16F2F2



50E8FF



FFB7C3



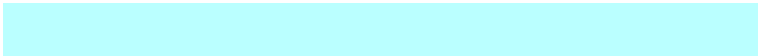
FFCB88

Sweetspot

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



16F2F2



BAFFFF



16F216



578080



000000



808080

Same Dimension

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



16F2F2



00FFFF



1684F2



6C7878



00B8B8



003838

Inverse Universe

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



F216F2



FF00FF



F28416



786C78



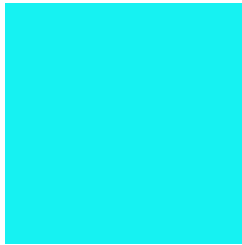
B800B8



380038

Previews

White Background



This preview shows how the Hex color 16F2F2 looks on a white background.

Color Contrast Check

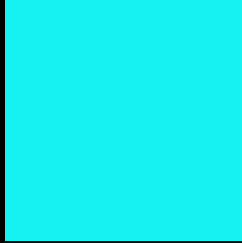
Large Text (above 18pt) WCAG AA × Fail

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 16F2F2 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 16F2F2 Background



This preview shows how black text looks on a background with the Hex color 16F2F2.

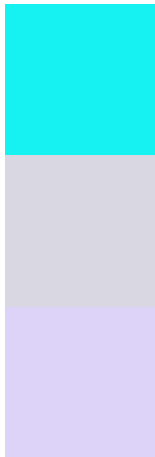


This preview shows how white text looks on a background with the Hex color 16F2F2.

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](#).

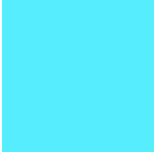
Dichromacy



Original Color
16F2F2

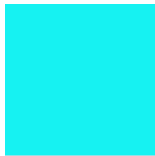
Protanopia
D9D7E1

Deuteranopia
DDD3F9



Tritanopia
56EDFF

Trichromacy



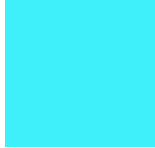
Original Color
16F2F2



Protanomaly
92E1E7



Deuteranomaly
95DEF6

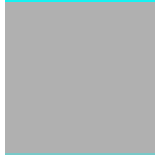


Tritanomaly
3FEFFA

Monochromacy



Original Color
16F2F2



Achromatopsia
B0B0B0



Achromatomaly
78C8C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 16F2F2 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 #16F2F2 looks like.

```
.text, #text, p{  
    color:#16F2F2  
}
```

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 #16F2F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16F2F2
}
```

Border

The CSS property to change the border of an element to Hex 16F2F2 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
#16F2F2 }
```

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

```
.border{ border-color:#16F2F2 }
```

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

Here you see how a box with a 4 pixel #16F2F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16F2F2; -webkit-box-shadow:4px 4px  
4px 4px #16F2F2; box-shadow:4px 4px 4px  
4px #16F2F2 }
```

Background

The CSS property to change the background color of an element to Hex 16F2F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16F2F2 }
```

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

```
.background{ background-color:#16F2F2 }
```

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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