

Converting Colors

Hex(14F818)

Have a look what the booklet for
Hex(14F818) contains.

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Color

Hex(14F818)

Conversions

Conversions Part 1

Format	Color
Hex	14F818
RGB	20, 248, 24
RGB Percent	8%, 97%, 9%
CMY	0.9216, 0.0275, 0.9059
CMYK	0.92, 0.00, 0.90, 0.03
HSL	121°, 94%, 53%
HSV	121°, 92%, 97%
XYZ	34.0208, 67.3495, 12.0708
YIQ	154.2920, -63.9840, -118.0000

Conversions

Conversions Part 2

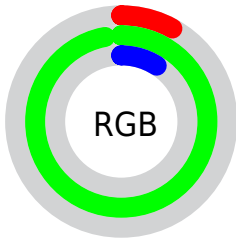
Format	Color
R _Y B	20, 244, 248
Decimal	1374232
CIE Lab	85.68, -83.27, 79.23
CIE LCh	86, 114.941, 136.422
Yxy	67.3495, 0.2999, 0.5937
Android (android.graphics.Color)	4279564312 (0xFF14F818)
YUV	154.2920, -64.2340, -117.7741
Hunter-Lab	82.0667, -69.6196, 48.7260

Details

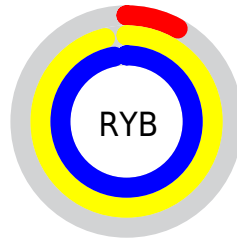
The Hex color **14F818** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F814F4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **79FF62**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **00F804**, and if you desaturate by 10%, it is **2DF830**.

Distribution



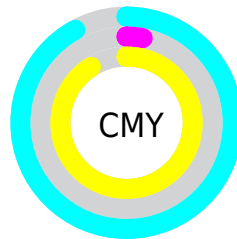
- Red (8%)
- Green (97%)
- Blue (9%)



- Red (8%)
- Yellow (96%)
- Blue (97%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)
- Black (3%)



- Cyan (92%)
- Magenta (3%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14F818 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 14F818 by changing the saturation by 10% instead.

 14F818

 14F818

FFFFFF

 00DB00

 79FF62

 00BE00

 9CFF80

 00A100

 BDFF9D

 008600

 DEFFBA

 006B00


 FEFFD8

 005000

 FFFFF6

 003700

 001C00

 000000

 14F818

 14F818

 00F804

 2DF830

 46F849

 5EF861

 77F879

 90F892

 A9F8AA

 C2F8C3

 DAF8DB

 F3F8F3

Harmonies

Analogous

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



CAE400



14F818



00FF9F

Triad

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



14F818



00F2FF



FF47A0

Complementary

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



14F818



F814F4

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.



FF52FF



14F818



00CFFF

Square

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



14F818



00FFFF



FF97FF



FF8833

Rectangle

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



14F818



00FFEC



FF97FF



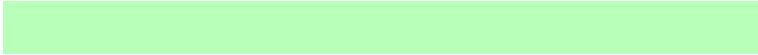
FF3CC4

Sweetspot

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



14F818



B8FFB9



F4F814



548055



000000



808080

Same Dimension

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



14F818



00FF04



14F88A



707D71



00BD03



003D01

Inverse Universe

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



F814F4



FF00FB



F81482



7D707D



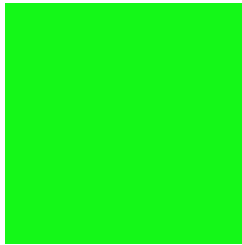
BD00B9



3D003C

Previews

White Background



This preview shows how the Hex color 14F818 looks on a white background.

Color Contrast Check

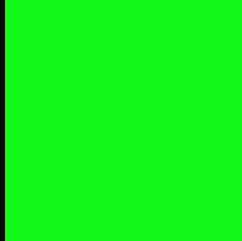
Large Text (above 18pt) WCAG AA × Fail

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 14F818 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 14F818 Background



This preview shows how black text looks on a background with the Hex color 14F818.



This preview shows how white text looks on a background with the Hex color 14F818.

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](#).

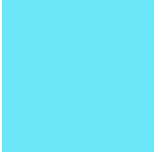
Dichromacy



Original Color
E67E22

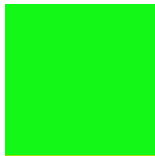
Protanopia
F1C40F

Deuteranopia
F39C12



Tritanopia
69E7F9

Trichromacy



Original Color
14F818



Protanomaly
9FE109

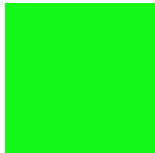


Deuteranomaly
AADC53



Tritanomaly
4AEDA7

Monochromacy



Original Color
14F818



Achromatopsia
9A9A9A



Achromatomaly
69BC6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 14F818 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 #14F818 looks like.

```
.text, #text, p{  
    color:#14F818  
}
```

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 #14F818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14F818
}
```

Border

The CSS property to change the border of an element to Hex 14F818 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
#14F818 }
```

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

```
.border{ border-color:#14F818 }
```

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

Here you see how a box with a 4 pixel #14F818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14F818; -webkit-box-shadow:4px 4px  
4px 4px #14F818; box-shadow:4px 4px 4px  
4px #14F818 }
```

Background

The CSS property to change the background color of an element to Hex 14F818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14F818 }
```

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

```
.background{ background-color:#14F818 }
```

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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