

Converting Colors

Hex(18F528)

Have a look what the booklet for
Hex(18F528) contains.

Hex(18F528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18F528)

Conversions

Conversions Part 1

Format	Color
Hex	18F528
RGB	24, 245, 40
RGB Percent	9%, 96%, 16%
CMY	0.9059, 0.0392, 0.8431
CMYK	0.90, 0.00, 0.84, 0.04
HSL	124°, 92%, 53%
HSV	124°, 90%, 96%
XYZ	33.4121, 65.6522, 12.9186
YIQ	155.5510, -65.9110, -110.6070

Conversions

Conversions Part 2

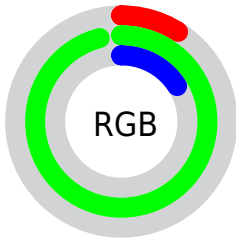
Format	Color
RYB	24, 230, 245
Decimal	1635624
CIELab	84.82, -81.68, 75.55
CIELCh	85, 111.266, 137.235
Yxy	65.6522, 0.2984, 0.5863
Android (android.graphics.Color)	4279825704 (0xFF18F528)
YUV	155.5510, -56.9666, -115.3702
Hunter-Lab	81.0260, -68.1889, 47.2652

Details

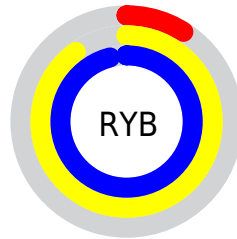
The Hex color **18F528** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F518E5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **79FF69**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **00F512**, and if you desaturate by 10%, it is **30F53F**.

Distribution



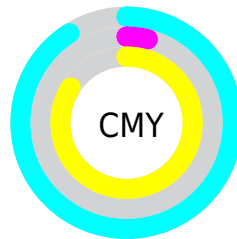
- Red (9%)
- Green (96%)
- Blue (16%)



- Red (9%)
- Yellow (90%)
- Blue (96%)



- Cyan (90%)
- Magenta (0%)
- Yellow (84%)
- Black (4%)



- Cyan (91%)
- Magenta (4%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18F528 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 18F528 by changing the saturation by 10% instead.

 18F528

 18F528


FFFFFF

 00D800

 79FF69

 00BB00

 9BFF87

 009F00

 BCFFA4

 008300

 DDFFC1

 006800

 FDFDFD

 004E00

 FFFFFC

 003500

 001900

 000000

 18F528

 18F528

 00F512

 30F53F

 49F555

 61F56C

 7AF583

 92F59A

 ABF5B0

 C3F5C7

 DCF5DE

 F4F5F5

Harmonies

Analogous

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



C6E100



18F528



00FEA2

Triad

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



18F528



00EEFF



FF519D

Complementary

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



18F528



F518E5

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



18F528



24CCFF

Square

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



18F528



00DFF



FF96FF



FF8B34

Rectangle

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



18F528



00FFEB



FF96FF



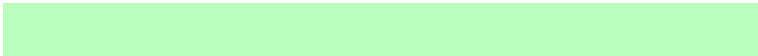
FF47BF

Sweetspot

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



18F528



BAFFBF



E6F518



57805A



000000



808080

Same Dimension

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



18F528



00FF12



18F595



6E7A6F



00BA0D



003B04

Inverse Universe

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



F518E5



FF00ED



F51878



7A6E7A



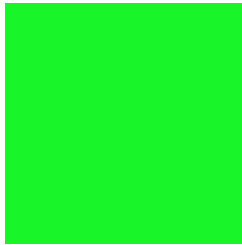
BA00AD



3B0036

Previews

White Background



This preview shows how the Hex color 18F528 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 18F528 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 18F528 Background



This preview shows how black text looks on a background with the Hex color 18F528.

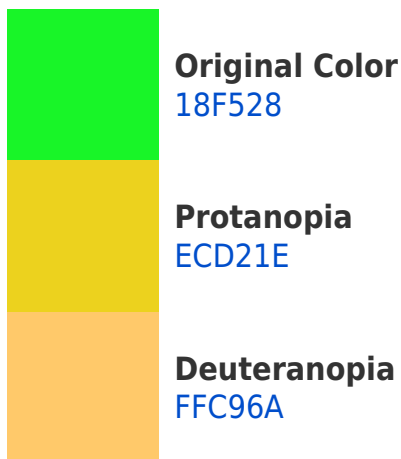


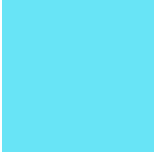
This preview shows how white text looks on a background with the Hex color 18F528.

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](#).

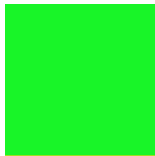
Dichromacy





Tritanopia
68E4F6

Trichromacy



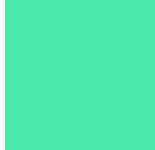
Original Color
18F528



Protanomaly
9FDF22

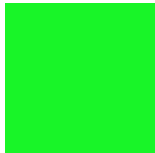


Deuteranomaly
ABD952



Tritanomaly
4BEAAB

Monochromacy



Original Color
18F528



Achromatopsia
9C9C9C



Achromatomaly
6CBC72

CSS Examples

Text

The CSS property to change the color of the text to Hex 18F528 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 #18F528 looks like.

```
.text, #text, p{  
    color:#18F528  
}
```

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 #18F528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18F528
}
```

Border

The CSS property to change the border of an element to Hex 18F528 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
#18F528 }
```

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

```
.border{ border-color:#18F528 }
```

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

Here you see how a box with a 4 pixel #18F528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18F528; -webkit-box-shadow:4px 4px  
4px 4px #18F528; box-shadow:4px 4px 4px  
4px #18F528 }
```

Background

The CSS property to change the background color of an element to Hex 18F528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18F528 }
```

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

```
.background{ background-color:#18F528 }
```

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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