

Converting Colors

Hex(1CF20D)

Have a look what the booklet for
Hex(1CF20D) contains.

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Color

Hex(1CF20D)

Conversions

Conversions Part 1

Format	Color
Hex	1CF20D
RGB	28, 242, 13
RGB Percent	11%, 95%, 5%
CMY	0.8902, 0.0510, 0.9490
CMYK	0.88, 0.00, 0.95, 0.05
HSL	116°, 90%, 50%
HSV	116°, 95%, 95%
XYZ	32.3037, 63.7802, 10.9890
YIQ	151.9080, -54.0350, -116.5870

Conversions

Conversions Part 2

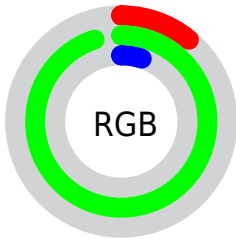
Format	Color
RYB	13, 242, 227
Decimal	1896973
CIELab	83.85, -81.46, 79.04
CIELCh	84, 113.504, 135.864
Yxy	63.7802, 0.3017, 0.5957
Android (android.graphics.Color)	4280087053 (0xFF1CF20D)
YUV	151.9080, -68.4816, -108.6673
Hunter-Lab	79.8625, -67.5577, 47.7455

Details

The Hex color **1CF20D** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **E30DF2**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **7AFF5D**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **10F200**, and if you desaturate by 10%, it is **33F225**.

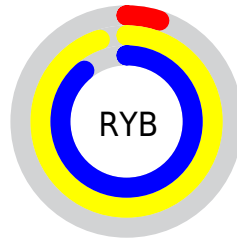
Distribution



Red (11%)

Green (95%)

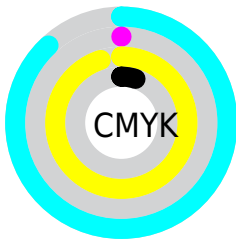
Blue (5%)



Red (5%)

Yellow (95%)

Blue (89%)

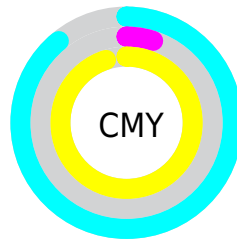


Cyan (88%)

Magenta (0%)

Yellow (95%)

Black (5%)



Cyan (89%)

Magenta (5%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CF20D 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 1CF20D by changing the saturation by 10% instead.

 1CF20D

 1CF20D


FFFFFF

 00D500

 7AFF5D

 00B800

 9CFF7B

 009C00

 BDFF98

 008000

 DDFFB6

 006500

 FEFFD3

 004B00

 FFFFF1

 003200

 001600

 000000

 1CF20D

 1CF20D

 10F200

 33F225

 49F23D

 60F256

 76F26E

 8DF286

 A4F29E

 BAF2B6

 D1F2CF

 E8F2E7

Harmonies

Analogous

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



C7DE00



1CF20D



00FC99

Triad

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



1CF20D



00ECFF



FF429E

Complementary

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



1CF20D



E30DF2

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.



FF4FFF



1CF20D



00CBFF

Square

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



1CF20D



00FBFF



FF94FF



FF8333

Rectangle

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



1CF20D



00FFE4



FF94FF



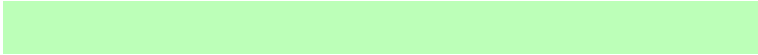
FF37C1

Sweetspot

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



1CF20D



BCFFB8



F2E30D



578054



000000



808080

Same Dimension

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



1CF20D



11FF00



0DF270



6D786C



0CB800



043800

Inverse Universe

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



E30DF2



EE00FF



F20D8F



776C78



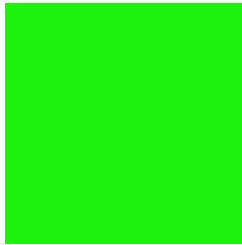
AC00B8



340038

Previews

White Background



This preview shows how the Hex color 1CF20D looks on a white background.

Color Contrast Check

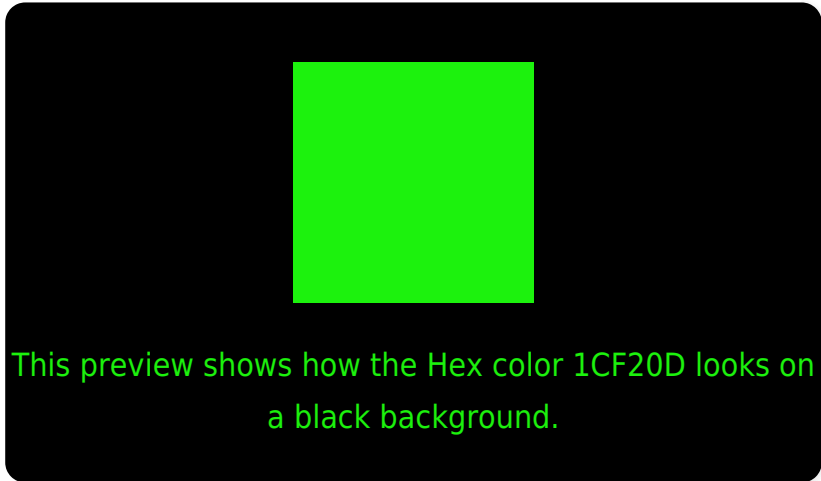
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 1CF20D Background



This preview shows how black text looks on a background with the Hex color 1CF20D.



This preview shows how white text looks on a background with the Hex color 1CF20D.

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](#).

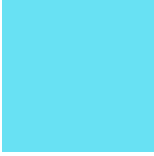
Dichromacy



Original Color
1CF20D

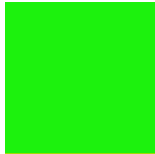
Protanopia
E9CF00

Deuteranopia
FFC558



Tritanopia
68E1F3

Trichromacy



Original Color
1CF20D



Protanomaly
9EDC05

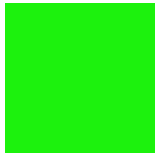


Deuteranomaly
ACD53D

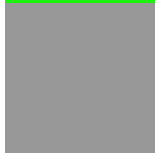


Tritanomaly
4CE79F

Monochromacy



Original Color
1CF20D



Achromatopsia
989898



Achromatomaly
6BB965

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CF20D 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 #1CF20D looks like.

```
.text, #text, p{  
    color:#1CF20D  
}
```

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 #1CF20D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CF20D
}
```

Border

The CSS property to change the border of an element to Hex 1CF20D 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
#1CF20D }
```

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

```
.border{ border-color:#1CF20D }
```

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

Here you see how a box with a 4 pixel #1CF20D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CF20D; -webkit-box-shadow:4px 4px  
4px 4px #1CF20D; box-shadow:4px 4px 4px  
4px #1CF20D }
```

Background

The CSS property to change the background color of an element to Hex 1CF20D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CF20D }
```

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

```
.background{ background-color:#1CF20D }
```

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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