

Converting Colors

Hex(1DCD20)

Have a look what the booklet for
Hex(1DCD20) contains.

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Color

Hex(1DCD20)

Conversions

Conversions Part 1

Format	Color
Hex	1DCD20
RGB	29, 205, 32
RGB Percent	11%, 80%, 13%
CMY	0.8863, 0.1961, 0.8745
CMYK	0.86, 0.00, 0.84, 0.20
HSL	121°, 75%, 46%
HSV	121°, 86%, 80%
XYZ	22.5987, 44.0281, 8.6737
YIQ	132.6540, -49.3630, -91.1150

Conversions

Conversions Part 2

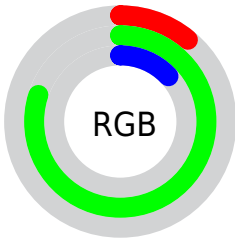
Format	Color
RYB	29, 202, 205
Decimal	1953056
CIELab	72.25, -70.62, 66.10
CIELCh	72, 96.726, 136.896
Yxy	44.0281, 0.3001, 0.5847
Android (android.graphics.Color)	4280143136 (0xFF1DCD20)
YUV	132.6540, -49.6224, -90.9046
Hunter-Lab	66.3537, -55.3255, 38.6972

Details

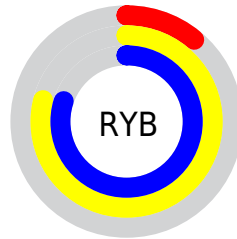
The Hex color **1DCD20** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CD1DCA**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **70FF5E**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **08CD0C**, and if you desaturate by 10%, it is **32CD34**.

Distribution



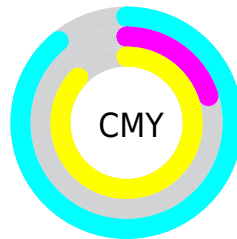
- Red (11%)
- Green (80%)
- Blue (13%)



- Red (11%)
- Yellow (79%)
- Blue (80%)



- Cyan (86%)
- Magenta (0%)
- Yellow (84%)
- Black (20%)



- Cyan (89%)
- Magenta (20%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DCD20 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 1DCD20 by changing the saturation by 10% instead.

 1DCD20

 1DCD20

FFFFFF

 00B100

 70FF5E

 009500

 90FF7A

 007A00

 B0FF97

 006000

 CFFFB3

 004600

 EEFFD0

 002E00

 FFFFED

 000F00

 000000

 1DCD20

 1DCD20

 08CD0C

 32CD34

 00CD03

 46CD48

 5ACD5C

 6FCD71

 84CD85

 98CD99

 ADCDAD

 C1CDC1

 D6CDD5

Harmonies

Analogous

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



A7BC00



1DCD20



00D586

Triad

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



1DCD20



00C7FF



FF4484

Complementary

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



1DCD20



CD1DCA

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.



FF4ADC



1DCD20



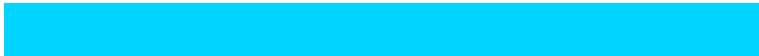
17ABFF

Square

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



1DCD20



00D4FF



F17EFF



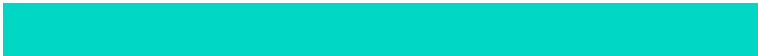
FF742D

Rectangle

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



1DCD20



00D7C4



F17EFF



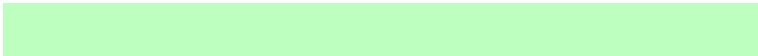
FF3CA1

Sweetspot

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



1DCD20



BDFFBF



CACD1D



588059



000000



808080

Same Dimension

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



1DCD20



00FF04



1DCD78



5C665C



00A603



002601

Inverse Universe

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



CD1DCA



FF00FB



CD1D72



665C66



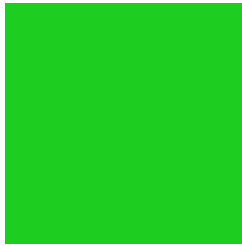
A600A3



260026

Previews

White Background



This preview shows how the Hex color 1DCD20 looks on a white background.

Color Contrast Check

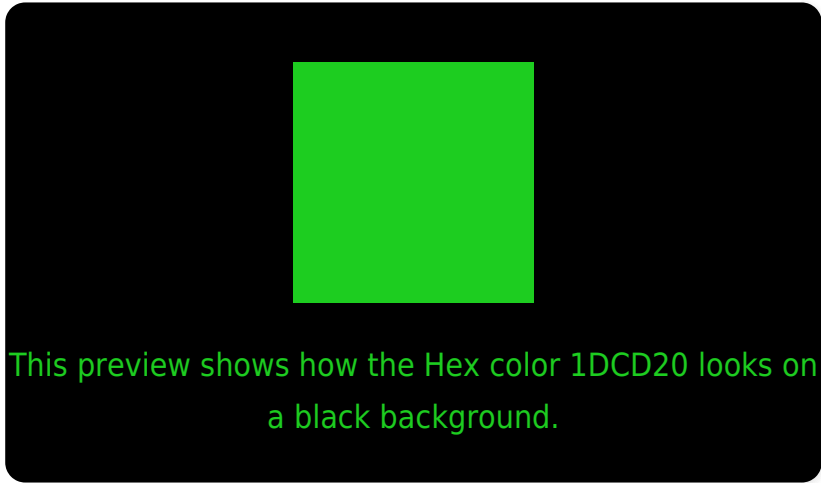
Large Text (above 18pt) WCAG AA × Fail

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 1DCD20 Background



This preview shows how black text looks on a background with the Hex color 1DCD20.



This preview shows how white text looks on a background with the Hex color 1DCD20.

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](#).

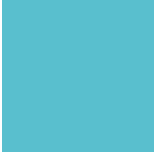
Dichromacy



Original Color
1DCD20

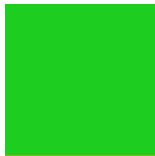
Protanopia
C6B018

Deuteranopia
DCA736



Tritanopia
59BFCE

Trichromacy



Original Color
1DCD20



Protanomaly
89BB1B

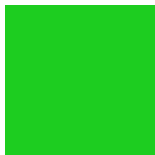


Deuteranomaly
97B52E



Tritanomaly
43C48F

Monochromacy



Original Color
1DCD20



Achromatopsia
858585



Achromatomaly
5F9F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DCD20 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 #1DCD20 looks like.

```
.text, #text, p{  
    color:#1DCD20  
}
```

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 #1DCD20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DCD20
}
```

Border

The CSS property to change the border of an element to Hex 1DCD20 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
#1DCD20 }
```

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

```
.border{ border-color:#1DCD20 }
```

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

Here you see how a box with a 4 pixel #1DCD20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DCD20; -webkit-box-shadow:4px 4px  
4px 4px #1DCD20; box-shadow:4px 4px 4px  
4px #1DCD20 }
```

Background

The CSS property to change the background color of an element to Hex 1DCD20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DCD20 }
```

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

```
.background{ background-color:#1DCD20 }
```

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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