

Converting Colors

Hex(00DC21)

Have a look what the booklet for
Hex(00DC21) contains.

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Color

Hex(00DC21)

Conversions

Conversions Part 1

Format	Color
Hex	00DC21
RGB	0, 220, 33
RGB Percent	0%, 86%, 13%
CMY	1.0000, 0.1373, 0.8706
CMYK	1.00, 0.00, 0.85, 0.14
HSL	129°, 100%, 43%
HSV	129°, 100%, 86%
XYZ	25.8677, 51.2962, 9.9766
YIQ	132.9020, -71.0930, -104.7970

Conversions

Conversions Part 2

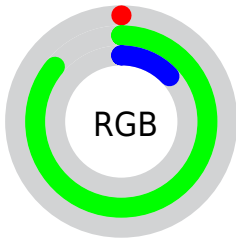
Format	Color
RYB	0, 191, 220
Decimal	56353
CIELab	76.86, -76.23, 69.94
CIELCh	77, 103.448, 137.465
Yxy	51.2962, 0.2969, 0.5887
Android (android.graphics.Color)	4278246433 (0xFF00DC21)
YUV	132.9020, -49.2517, -116.5551
Hunter-Lab	71.6214, -60.8680, 41.8760

Details

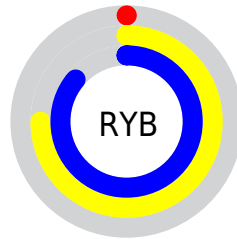
The Hex color **00DC21** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **DC00BB**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6DFF61**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **00DC21**, and if you desaturate by 10%, it is **16DC34**.

Distribution



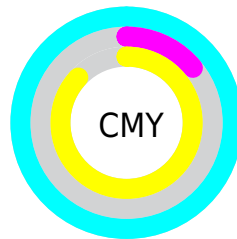
- Red (0%)
- Green (86%)
- Blue (13%)



- Red (0%)
- Yellow (75%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (14%)



- Cyan (100%)
- Magenta (14%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DC21 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 00DC21 by changing the saturation by 10% instead.

 00DC21

 00DC21

FFFFFF

 00BF00

 6DFF61

 00A300

 8FFF7E

 008800

 B0FF9A

 006D00

 CFFFB7

 005200

 EFFFFD4

 003A00

 FFFFF2

 002000

 000000

 00DC21

 16DC34

 2CDC46

 42DC59

 58DC6C

 6EDC7F

 84DC91

 9ADCA4

 B0DCB7

 C6DCC9

Harmonies

Analogous

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



B0CA00



00DC21



00E491

Triad

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



00DC21



00D5FF



FF458B

Complementary

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



00DC21



DC00BB

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.



FF4AEA



00DC21



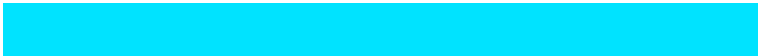
1DB6FF

Square

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



00DC21



00E3FF



FF85FF



FF7B2B

Rectangle

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



00DC21



00E7D4



FF85FF



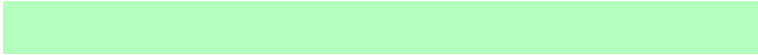
FF3BAA

Sweetspot

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



00DC21



B3FFBE



BBDC00



528058



000000



808080

Same Dimension

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



00DC21



00FF26



00DC8F



636E64



00AD1A



002E07

Inverse Universe

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



DC00BB



FF00D9



DC004D



6E636C



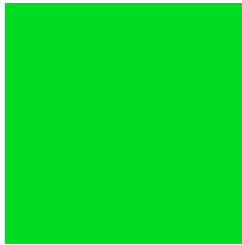
AD0093



2E0027

Previews

White Background



This preview shows how the Hex color 00DC21 looks on a white background.

Color Contrast Check

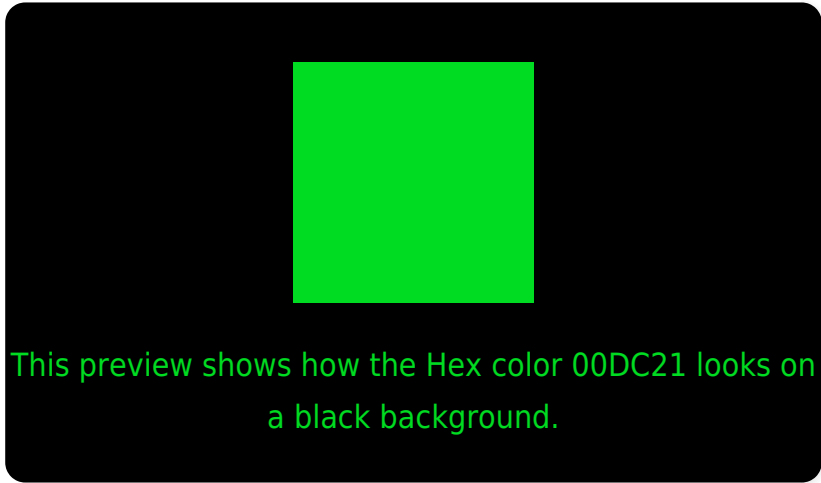
Large Text (above 18pt) WCAG AA × Fail

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

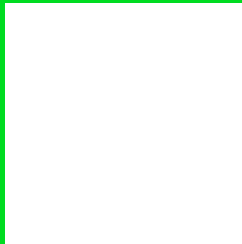
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00DC21 Background



This preview shows how black text looks on a background with the Hex color 00DC21.



This preview shows how white text looks on a background with the Hex color 00DC21.

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](#).

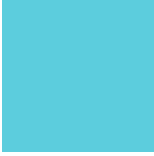
Dichromacy



Original Color
00DC21

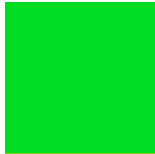
Protanopia
D4BC18

Deuteranopia
ECB239



Tritanopia
5CCDD

Trichromacy



Original Color
00DC21



Protanomaly
87C81B



Deuteranomaly
96C130



Tritanomaly
3BD299

Monochromacy



Original Color
00DC21



Achromatopsia
858585



Achromatomaly
55A561

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DC21 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 #00DC21 looks like.

```
.text, #text, p{  
    color:#00DC21  
}
```

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 #00DC21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DC21
}
```

Border

The CSS property to change the border of an element to Hex 00DC21 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
#00DC21 }
```

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

```
.border{ border-color:#00DC21 }
```

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

Here you see how a box with a 4 pixel #00DC21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DC21; -webkit-box-shadow:4px 4px  
4px 4px #00DC21; box-shadow:4px 4px 4px  
4px #00DC21 }
```

Background

The CSS property to change the background color of an element to Hex 00DC21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DC21 }
```

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

```
.background{ background-color:#00DC21 }
```

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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