

Converting Colors

Hex(20D61A)

Have a look what the booklet for
Hex(20D61A) contains.

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Color

Hex(20D61A)

Conversions

Conversions Part 1

Format	Color
Hex	20D61A
RGB	32, 214, 26
RGB Percent	13%, 84%, 10%
CMY	0.8745, 0.1608, 0.8980
CMYK	0.85, 0.00, 0.88, 0.16
HSL	118°, 78%, 47%
HSV	118°, 88%, 84%
XYZ	24.8287, 48.4748, 9.0252
YIQ	138.1500, -48.1240, -97.0520

Conversions

Conversions Part 2

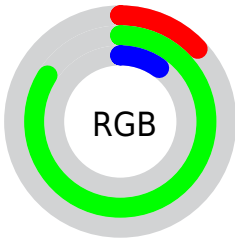
Format	Color
RYB	26, 214, 208
Decimal	2151962
CIELab	75.12, -73.15, 69.91
CIELCh	75, 101.181, 136.298
Yxy	48.4748, 0.3016, 0.5888
Android (android.graphics.Color)	4280342042 (0xFF20D61A)
YUV	138.1500, -55.2900, -93.0936
Hunter-Lab	69.6238, -58.1865, 41.0510

Details

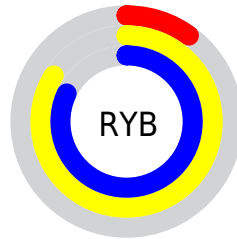
The Hex color **20D61A** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D01AD6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **74FF5C**, and **009D00** is the 20% darker color. If you saturate the color by 10%, you get **0BD605**, and if you desaturate by 10%, it is **35D62F**.

Distribution



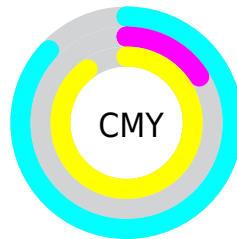
- Red (13%)
- Green (84%)
- Blue (10%)



- Red (10%)
- Yellow (84%)
- Blue (82%)



- Cyan (85%)
- Magenta (0%)
- Yellow (88%)
- Black (16%)



- Cyan (87%)
- Magenta (16%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20D61A 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 20D61A by changing the saturation by 10% instead.

 20D61A

 20D61A


FFFFFF

 00B900

 74FF5C

 009D00

 94FF79

 008200

 B4FF96

 006800

 D3FFB2

 004E00

 F3FFD0

 003500

 FFFFED

 001A00

 000000

 20D61A

 20D61A

 0BD605

 35D62F

 07D600

 49D645

 5ED65A

 73D670

 88D685

 9CD69A

 B1D6B0

 C6D6C5

 DAD6DB

Harmonies

Analogous

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



B0C400



20D61A



00DF89

Triad

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



20D61A



00D0FF



FF428B

Complementary

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



20D61A



D01AD6

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.



FF4BE8



20D61A



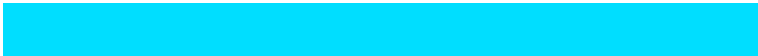
00B3FF

Square

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



20D61A



00DEFF



FA84FF



FF772F

Rectangle

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



20D61A



00E1CB



FA84FF



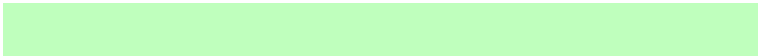
FF3AAA

Sweetspot

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



20D61A



BFFFBD



D6D01A



598058



000000



808080

Same Dimension

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



20D61A



08FF00



1AD672



616B60



05AB00



012B00

Inverse Universe

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



D01AD6



F700FF



D61A7E



6B606B



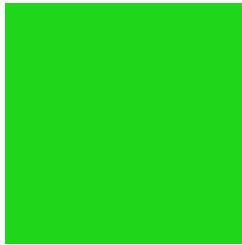
A500AB



2A002B

Previews

White Background



This preview shows how the Hex color 20D61A 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 20D61A 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

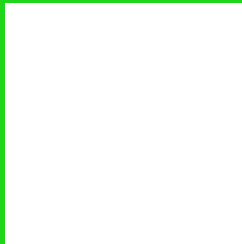
Any Text WCAG AAA ✓ Pass

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

Hex 20D61A Background



This preview shows how black text looks on a background with the Hex color 20D61A.

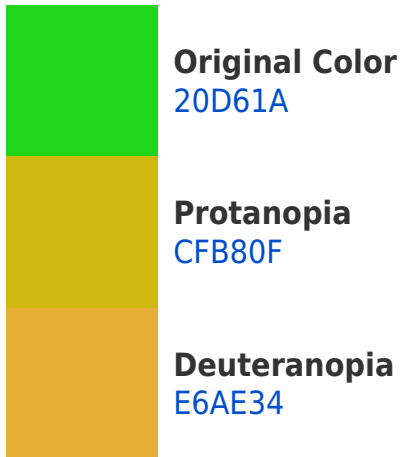


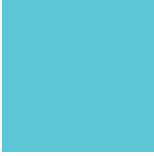
This preview shows how white text looks on a background with the Hex color 20D61A.

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](#).

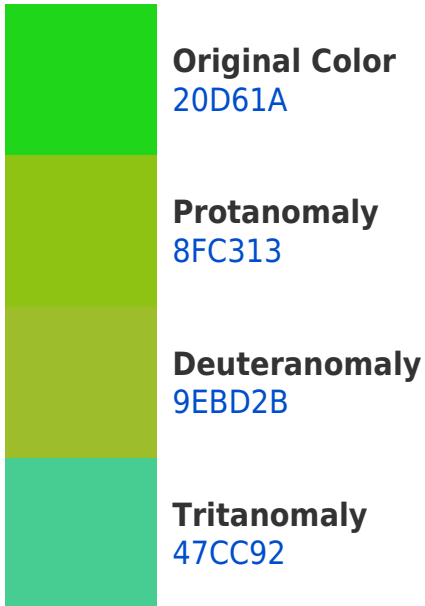
Dichromacy



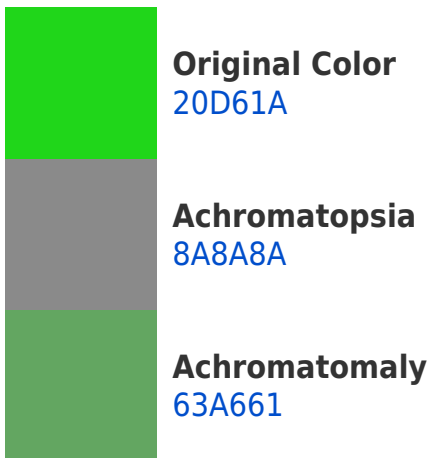


Tritanopia
5EC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20D61A 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 #20D61A looks like.

```
.text, #text, p{  
    color:#20D61A  
}
```

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 #20D61A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20D61A
}
```

Border

The CSS property to change the border of an element to Hex 20D61A 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
#20D61A }
```

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

```
.border{ border-color:#20D61A }
```

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

Here you see how a box with a 4 pixel #20D61A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20D61A; -webkit-box-shadow:4px 4px  
4px 4px #20D61A; box-shadow:4px 4px 4px  
4px #20D61A }
```

Background

The CSS property to change the background color of an element to Hex 20D61A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20D61A }
```

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

```
.background{ background-color:#20D61A }
```

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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