

# Converting Colors

Hex(20D44D)

Have a look what the booklet for  
Hex(20D44D) contains.

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# Color

Hex(20D44D)

# Conversions

## Conversions Part 1

Format	Color
Hex	20D44D
RGB	32, 212, 77
RGB Percent	13%, 83%, 30%
CMY	0.8745, 0.1686, 0.6980
CMYK	0.85, 0.00, 0.64, 0.17
HSL	135°, 74%, 48%
HSV	135°, 85%, 83%
XYZ	25.4787, 47.9299, 14.9297
YIQ	142.7900, -63.9450, -80.1450

# Conversions

## Conversions Part 2

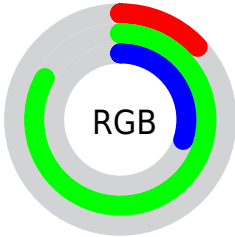
Format	Color
<a href="#">RYB</a>	<a href="#">32, 176, 212</a>
Decimal	<a href="#">2151501</a>
CIELab	<a href="#">74.78, -68.90, 53.39</a>
CIELCh	<a href="#">75, 87.166, 142.232</a>
Yxy	<a href="#">47.9299, 0.2884, 0.5426</a>
Android (android.graphics.Color)	<a href="#">4280341581 (0xFF20D44D)</a>
YUV	<a href="#">142.7900, -32.4345, -97.1628</a>
Hunter-Lab	<a href="#">69.2314, -55.4630, 35.6761</a>

# Details

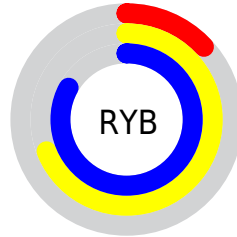
The Hex color **20D44D** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D420A7**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71FF83**, and **009C11** is the 20% darker color. If you saturate the color by 10%, you get **0BD43D**, and if you desaturate by 10%, it is **35D45D**.

# Distribution



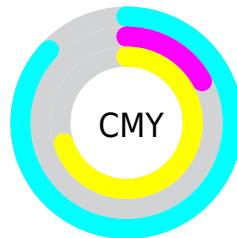
- Red (13%)
- Green (83%)
- Blue (30%)



- Red (13%)
- Yellow (69%)
- Blue (83%)



- Cyan (85%)
- Magenta (0%)
- Yellow (64%)
- Black (17%)



- Cyan (87%)
- Magenta (17%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20D44D 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 20D44D by changing the saturation by 10% instead.



 20D44D

 20D44D

FFFFFF

 00B832

 71FF83

 009C11

 91FF9E

 008000

 B0FFBA

 006600

 CFFFD7

 004C00

 EEEFF4

 003500

 001900

 000000

 20D44D

 20D44D

 0BD43D

 35D45D

 00D435

 4AD46D

 60D47D

 75D48D

 8AD49D

 9FD4AC

 B4D4BC

 CAD4CC

 DFD4DC

# Harmonies

## Analogous

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



A3C600



20D44D



00DBA0

# Triad

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



20D44D



00C8FF



FF6781

# Complementary

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



20D44D



D420A7

# 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.



FF62D1



20D44D



86ACFF

# Square

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



20D44D



00D7FF



FF85FF



FF8A35

# Rectangle

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



20D44D



00DCD8



FF85FF



FF609B

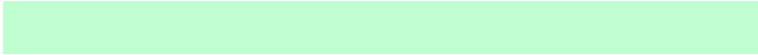


# Sweetspot

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



20D44D



BFFFCF



A7D420



598063



000000



808080



# Same Dimension

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



20D44D



00FF40



20D4A7



606B63



00AB2B



002B0B



# Inverse Universe

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



D420A7



FF00BF



D4204D



6B6068



AB0080

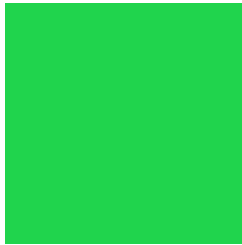


2B0021



# Previews

## White Background



This preview shows how the Hex color 20D44D 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 20D44D 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

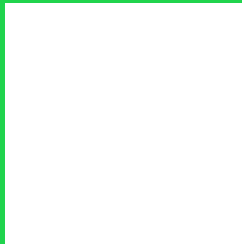
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20D44D Background



This preview shows how black text looks on a background with the Hex color 20D44D.

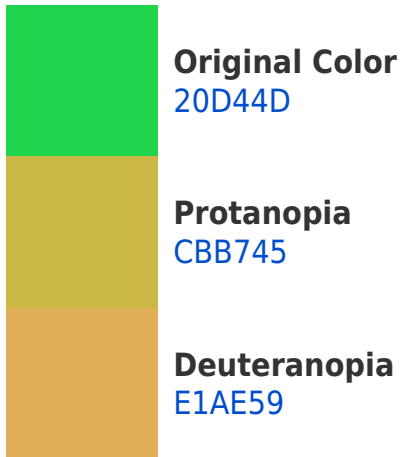


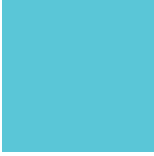
This preview shows how white text looks on a background with the Hex color 20D44D.

# 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](#).

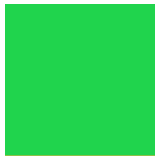
## Dichromacy





**Tritanopia**  
5AC6D7

# Trichromacy



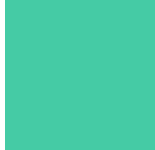
**Original Color**  
20D44D



**Protanomaly**  
8DC248



**Deuteranomaly**  
9BBC55



**Tritanomaly**  
45CBA5

# Monochromacy



**Original Color**  
20D44D



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
67A877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20D44D 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 #20D44D looks like.

```
.text, #text, p{  
    color:#20D44D  
}
```

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 #20D44D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20D44D
}
```

## Border

The CSS property to change the border of an element to Hex 20D44D 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
#20D44D }
```

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

```
.border{ border-color:#20D44D }
```

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

Here you see how a box with a 4 pixel #20D44D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20D44D; -webkit-box-shadow:4px 4px  
4px 4px #20D44D; box-shadow:4px 4px 4px  
4px #20D44D }
```

# Background

The CSS property to change the background color of an element to Hex 20D44D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20D44D }
```

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

```
.background{ background-color:#20D44D }
```

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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