

# Converting Colors

Hex(20D663)

Have a look what the booklet for  
Hex(20D663) contains.

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**Color**

**Hex(20D663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20D663
RGB	32, 214, 99
RGB Percent	13%, 84%, 39%
CMY	0.8745, 0.1608, 0.6118
CMYK	0.85, 0.00, 0.54, 0.16
HSL	142°, 74%, 48%
HSV	142°, 85%, 84%
XYZ	26.8944, 49.3011, 19.9030
YIQ	146.4720, -71.5570, -74.3490

# Conversions

## Conversions Part 2

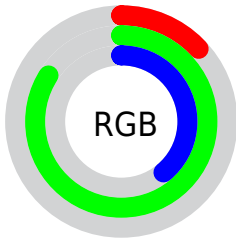
Format	Color
<a href="#">RYB</a>	<a href="#">32, 165, 214</a>
Decimal	<a href="#">2152035</a>
CIELab	<a href="#">75.64, -66.74, 44.49</a>
CIELCh	<a href="#">76, 80.209, 146.310</a>
Yxy	<a href="#">49.3011, 0.2799, 0.5130</a>
Android (android.graphics.Color)	<a href="#">4280342115 (0xFF20D663)</a>
YUV	<a href="#">146.4720, -23.4037, -100.3919</a>
Hunter-Lab	<a href="#">70.2147, -54.5048, 32.3440</a>

# Details

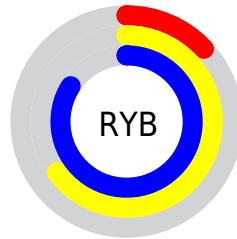
The Hex color **20D663** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D62093**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FF98**, and **009E2F** is the 20% darker color. If you saturate the color by 10%, you get **0BD655**, and if you desaturate by 10%, it is **35D671**.

# Distribution



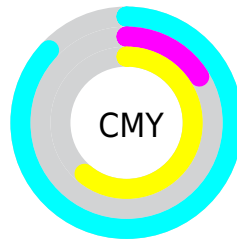
- Red (13%)
- Green (84%)
- Blue (39%)



- Red (13%)
- Yellow (65%)
- Blue (84%)



- Cyan (85%)
- Magenta (0%)
- Yellow (54%)
- Black (16%)



- Cyan (87%)
- Magenta (16%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20D663 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 20D663 by changing the saturation by 10% instead.



 20D663

 20D663

FFFFFF

 00BA49

 71FF98

 009E2F

 91FFB4

 008213

 B0FFD0

 006800

 CFFFEC

 004E00

 EEEFFF

 003700

 001C00

 000000

 20D663

 20D663

 0BD655

 35D671

 00D64F

 4BD67E

 60D68C

 76D699

 8BD6A7

 A0D6B4

 B6D6C2

 CBD6CF

 E1D6DD

# Harmonies

## Analogous

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



9EC91B



20D663



00DCAF

# Triad

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



20D663



00C6FF



FF777D

# Complementary

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



20D663



D62093

# 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.



FF6FC7



20D663



A7ABFF

# Square

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



20D663



00D6FF



FF88FF



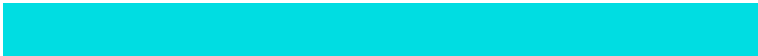
FF963C

# Rectangle

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



20D663



00DDE2



FF88FF



FF7195

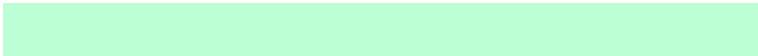


# Sweetspot

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



20D663



BDFFD5



93D620



588067



000000



808080



# Same Dimension

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



20D663



00FF5E



20D6BE



606B64



00AB3F



002B10



# Inverse Universe

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



D62093



FF00A1



D62038



6B6067



AB006C

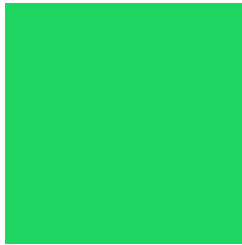


2B001B



# Previews

## White Background



This preview shows how the Hex color 20D663 looks on a white background.

## Color Contrast Check

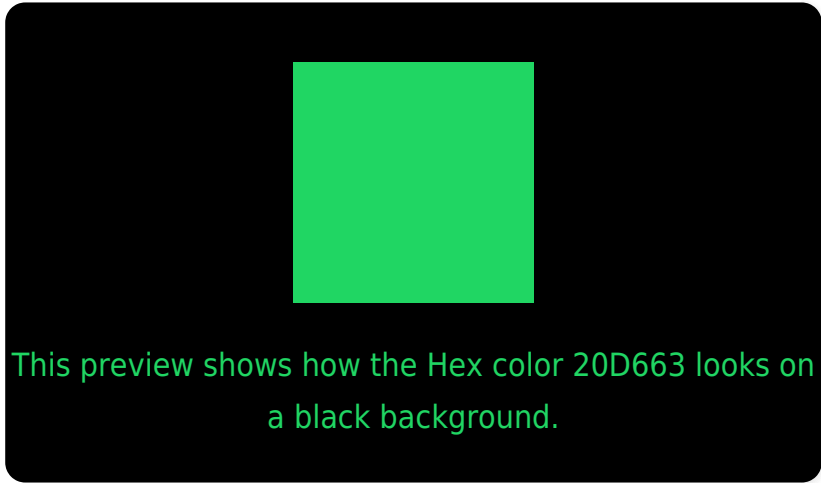
Large Text (above 18pt) WCAG AA × Fail

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 20D663 Background



This preview shows how black text looks on a background with the Hex color 20D663.

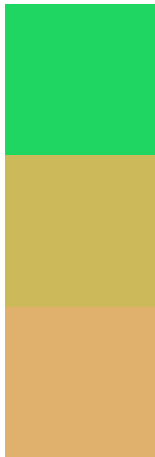


This preview shows how white text looks on a background with the Hex color 20D663.

# 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](#).

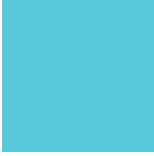
## Dichromacy



**Original Color**  
20D663

**Protanopia**  
CCB959

**Deuteranopia**  
E0B06D



**Tritanopia**  
58C9DA

# Trichromacy



**Original Color**  
20D663



**Protanomaly**  
8DC45D



**Deuteranomaly**  
9ABE69



**Tritanomaly**  
44CEAF

# Monochromacy



**Original Color**  
20D663



**Achromatopsia**  
929292



**Achromatomaly**  
69AB81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20D663 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 #20D663 looks like.

```
.text, #text, p{  
    color:#20D663  
}
```

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 #20D663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20D663
}
```

## Border

The CSS property to change the border of an element to Hex 20D663 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
#20D663 }
```

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

```
.border{ border-color:#20D663 }
```

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

Here you see how a box with a 4 pixel #20D663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20D663; -webkit-box-shadow:4px 4px  
4px 4px #20D663; box-shadow:4px 4px 4px  
4px #20D663 }
```

# Background

The CSS property to change the background color of an element to Hex 20D663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20D663 }
```

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

```
.background{ background-color:#20D663 }
```

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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