

# Converting Colors

Hex(20C904)

Have a look what the booklet for  
Hex(20C904) contains.

<b>Hex(20C904)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(20C904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20C904
RGB	32, 201, 4
RGB Percent	13%, 79%, 2%
CMY	0.8745, 0.2118, 0.9843
CMYK	0.84, 0.00, 0.98, 0.21
HSL	111°, 96%, 40%
HSV	111°, 98%, 79%
XYZ	21.5042, 42.0891, 7.1055
YIQ	128.0110, -37.4870, -97.0950

# Conversions

## Conversions Part 2

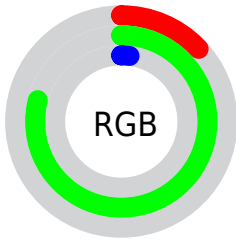
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 201, 173
Decimal	2148612
CIELab	70.93, -70.04, 69.36
CIELCh	71, 98.571, 135.277
Yxy	42.0891, 0.3042, 0.5953
Android (android.graphics.Color)	4280338692 (0xFF20C904)
YUV	128.0110, -61.1374, -84.2016
Hunter-Lab	64.8761, -54.3666, 38.9196

# Details

The Hex color **20C904** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **AD04C9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **71FF52**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **1DC900**, and if you desaturate by 10%, it is **31C918**.

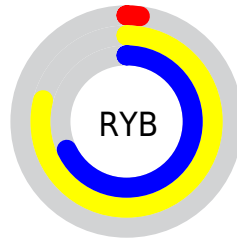
# Distribution



Red (13%)

Green (79%)

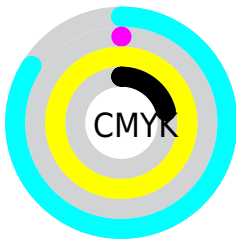
Blue (2%)



Red (2%)

Yellow (79%)

Blue (68%)

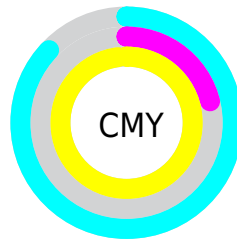


Cyan (84%)

Magenta (0%)

Yellow (98%)

Black (21%)



Cyan (87%)

Magenta (21%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20C904 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 20C904 by changing the saturation by 10% instead.



 20C904

 20C904

FFFFFF

 00AD00

 71FF52

 009100

 91FF6F

 007600

 B0FF8B

 005C00

 CFFFA8

 004300

 EEFFC5

 002A00

 FFFF E2

 000600

 000000

 20C904

 20C904

 1DC900

 31C918

 42C92C

 54C940

 65C954

 76C969

 87C97D

 99C991

 AAC9A5

 BBC9B9

# Harmonies

## Analogous

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



A7B800



20C904



00D17C

# Triad

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



20C904



00C5FF



FF3684

# Complementary

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



20C904



AD04C9

# 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.



FF42DE



20C904



00A9FF

# Square

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



20C904



00D1FF



E87CFF



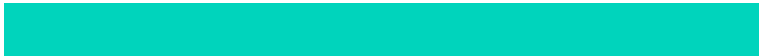
FF6B2B

# Rectangle

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



20C904



00D4BC



E87CFF



FF2DA2

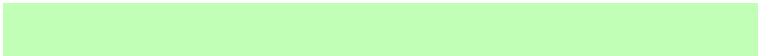


# Sweetspot

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



20C904



C0FFB5



C9AB04



598053



000000



808080



# Same Dimension

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



20C904



24FF00



04C949



5B635A



17A300



052400



# Inverse Universe

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



AD04C9



DB00FF



C90484



625A63



8C00A3

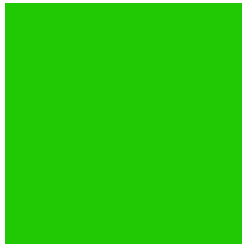


1F0024



# Previews

## White Background



This preview shows how the Hex color 20C904 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 20C904 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 20C904 Background



This preview shows how black text looks on a background with the Hex color 20C904.

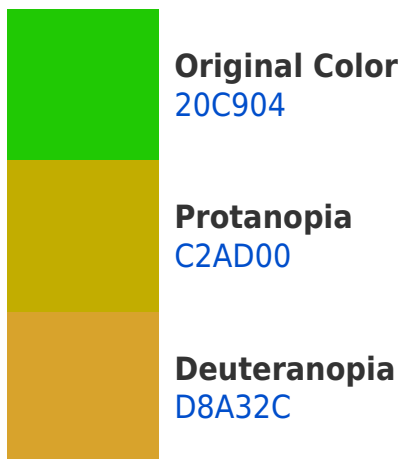


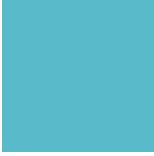
This preview shows how white text looks on a background with the Hex color 20C904.

# 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](#).

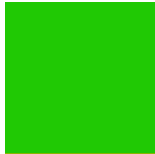
## Dichromacy





**Tritanopia**  
59BBCA

# Trichromacy



**Original Color**  
20C904



**Protanomaly**  
87B701



**Deuteranomaly**  
95B11D



**Tritanomaly**  
44C082

# Monochromacy



**Original Color**  
20C904



**Achromatopsia**  
808080



**Achromatomaly**  
5D9B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20C904 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 #20C904 looks like.

```
.text, #text, p{  
    color:#20C904  
}
```

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 #20C904 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20C904
}
```

## Border

The CSS property to change the border of an element to Hex 20C904 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
#20C904 }
```

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

```
.border{ border-color:#20C904 }
```

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

Here you see how a box with a 4 pixel #20C904 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20C904; -webkit-box-shadow:4px 4px  
4px 4px #20C904; box-shadow:4px 4px 4px  
4px #20C904 }
```

# Background

The CSS property to change the background color of an element to Hex 20C904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20C904 }
```

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

```
.background{ background-color:#20C904 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor