

Converting Colors

Hex(20B96C)

Have a look what the booklet for
Hex(20B96C) contains.

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Color

Hex(20B96C)

Conversions

Conversions Part 1

Format	Color
Hex	20B96C
RGB	32, 185, 108
RGB Percent	13%, 73%, 42%
CMY	0.8745, 0.2745, 0.5765
CMYK	0.83, 0.00, 0.42, 0.27
HSL	150°, 71%, 43%
HSV	150°, 83%, 73%
XYZ	20.6514, 36.0877, 20.0645
YIQ	130.4750, -66.4710, -56.3830

Conversions

Conversions Part 2

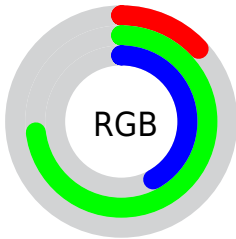
Format	Color
RYB	32, 134, 185
Decimal	2144620
CIELab	66.59, -55.39, 28.58
CIELCh	67, 62.327, 152.707
Yxy	36.0877, 0.2689, 0.4699
Android (android.graphics.Color)	4280334700 (0xFF20B96C)
YUV	130.4750, -11.0802, -86.3626
Hunter-Lab	60.0730, -43.7646, 22.2481

Details

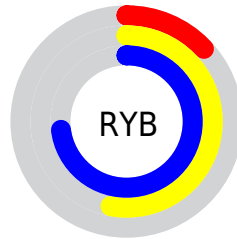
The Hex color **20B96C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B9206D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **69F2A0**, and **00823B** is the 20% darker color. If you saturate the color by 10%, you get **0DB963**, and if you desaturate by 10%, it is **33B975**.

Distribution



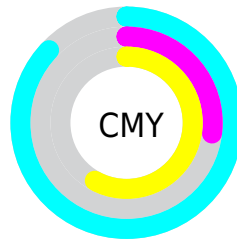
- Red (13%)
- Green (73%)
- Blue (42%)



- Red (13%)
- Yellow (53%)
- Blue (73%)



- Cyan (83%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20B96C 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 20B96C by changing the saturation by 10% instead.

 20B96C

 20B96C

FFFFFF

 009D53

 69F2A0

 00823B

 88FFBB

 006824

 A6FFD7

 004F0C

 C4FFF4

 003700

 E2FFFF

 001F00

 000000

 20B96C

 20B96C

 0DB963

 33B975

■ 00B95C

■ 45B97F

■ 57B988

■ 6AB991

■ 7DB99B

■ 8FB9A4

■ A2B9AD

■ B4B9B6

■ C6B9C0

Harmonies

Analogous

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



81B03C



20B96C



00BDA5

Triad

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



20B96C



0AA7FF



FF7669

Complementary

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



20B96C



B9206D

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.



FF6D9F



20B96C



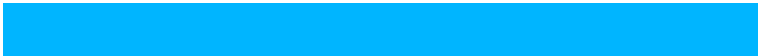
AA91FF

Square

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



20B96C



00B5FF



EA79D6



E78C3C

Rectangle

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



20B96C



00BDCC



EA79D6



FF717A

Sweetspot

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



20B96C



B4F0D2



6FB920



547866



F7F7F7



787878

Same Dimension

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



20B96C



02F078



20B9B6



535C57



009C4D



001C0E

Inverse Universe

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



B9206D



F0027A



B92023



5C5357



9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 20B96C looks on a white background.

Color Contrast Check

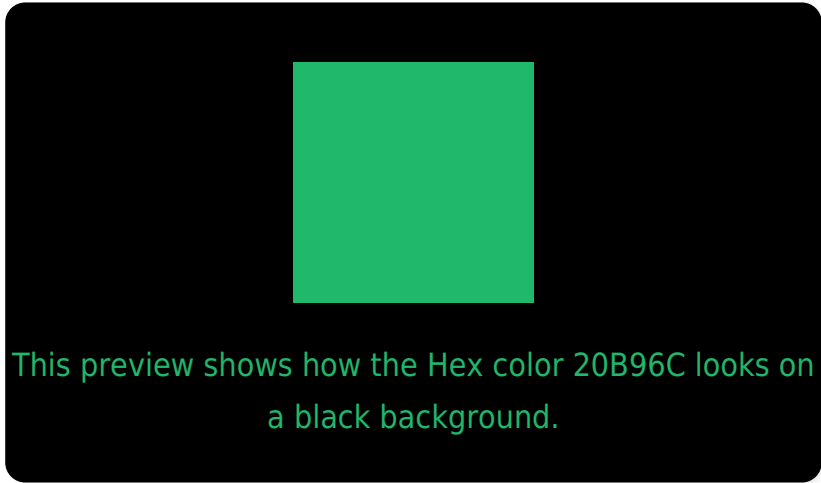
Large Text (above 18pt) WCAG AA × Fail

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

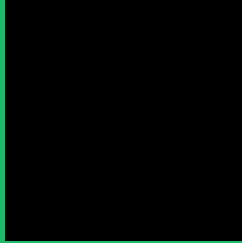
Any Text WCAG AA ✓ Pass

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 20B96C Background



This preview shows how black text looks on a background with the Hex color 20B96C.



This preview shows how white text looks on a background with the Hex color 20B96C.

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
20B96C

Protanopia
AFA162

Deuteranopia
BF9A73



Tritanopia
49AFBE

Trichromacy



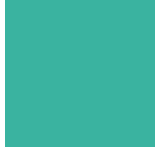
Original Color
20B96C



Protanomaly
7BAA66



Deuteranomaly
85A570



Tritanomaly
3AB3A0

Monochromacy



Original Color
20B96C



Achromatopsia
828282



Achromatomaly
5E967A

CSS Examples

Text

The CSS property to change the color of the text to Hex 20B96C 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 #20B96C looks like.

```
.text, #text, p{  
    color:#20B96C  
}
```

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 #20B96C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20B96C
}
```

Border

The CSS property to change the border of an element to Hex 20B96C 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
#20B96C }
```

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

```
.border{ border-color:#20B96C }
```

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

Here you see how a box with a 4 pixel #20B96C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20B96C; -webkit-box-shadow:4px 4px  
4px 4px #20B96C; box-shadow:4px 4px 4px  
4px #20B96C }
```

Background

The CSS property to change the background color of an element to Hex 20B96C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20B96C }
```

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

```
.background{ background-color:#20B96C }
```

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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