

# Converting Colors

Hex(20976A)

Have a look what the booklet for  
Hex(20976A) contains.

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**Color**

**Hex(20976A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20976A
RGB	32, 151, 106
RGB Percent	13%, 59%, 42%
CMY	0.8745, 0.4078, 0.5843
CMYK	0.79, 0.00, 0.30, 0.41
HSL	157°, 65%, 36%
HSV	157°, 79%, 59%
XYZ	14.2638, 23.4809, 17.4162
YIQ	110.2890, -56.4790, -39.2230

# Conversions

## Conversions Part 2

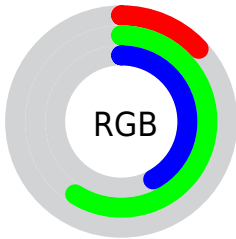
Format	Color
<b>RYB</b>	32, 105, 151
Decimal	2135914
CIELab	55.56, -42.76, 14.82
CIELCh	56, 45.256, 160.884
Yxy	23.4809, 0.2586, 0.4257
Android (android.graphics.Color)	4280325994 (0xFF20976A)
YUV	110.2890, -2.1145, -68.6595
Hunter-Lab	48.4571, -32.2568, 12.6103

# Details

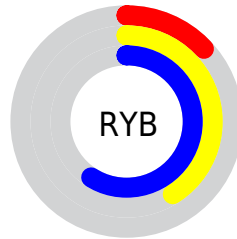
The Hex color **20976A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **97204D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **61CE9D**, and **00633B** is the 20% darker color. If you saturate the color by 10%, you get **119764**, and if you desaturate by 10%, it is **2F9770**.

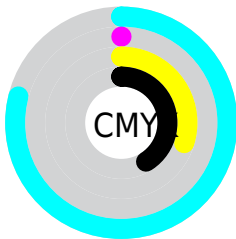
# Distribution



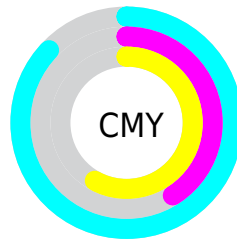
- Red (13%)
- Green (59%)
- Blue (42%)



- Red (13%)
- Yellow (41%)
- Blue (59%)



- Cyan (79%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)



- Cyan (87%)
- Magenta (41%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20976A 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 20976A by changing the saturation by 10% instead.



 20976A

 20976A

FFFFFF

 007D52

 61CE9D

 00633B

 7EEBB8

 004A25

 9AFFD4

 003210

 B7FFF0

 001C00


 D5FFFF

 000000

 F2FFFF

 20976A

 20976A

 119764

 2F9770

■ 02975F

■ 3E9775

■ 00975E

■ 4D977B

■ 5C9781

■ 6C9787

■ 7B978C

■ 8A9792

■ 999798

■ A8979D

# Harmonies

## Analogous

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



639147



20976A



009993

# Triad

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



20976A



5A84D2



C86C54

# Complementary

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



20976A



97204D

# 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.



CE6378



20976A



9B75C1

# Square

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



20976A



0090CF



C067A0



B07A3A

# Rectangle

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



20976A



0098AC



C067A0



CC685F



# Sweetspot

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



20976A



95C4B3



4E9720



476359



E3E3E3



636363



# Same Dimension

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



20976A



0AC47E



208997



454D4A



008C57



000D08



# Inverse Universe

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



97204D



C40A50



972E20



4D4548



8C0035



0D0005



# Previews

## White Background



This preview shows how the Hex color 20976A looks on a white background.

## Color Contrast Check

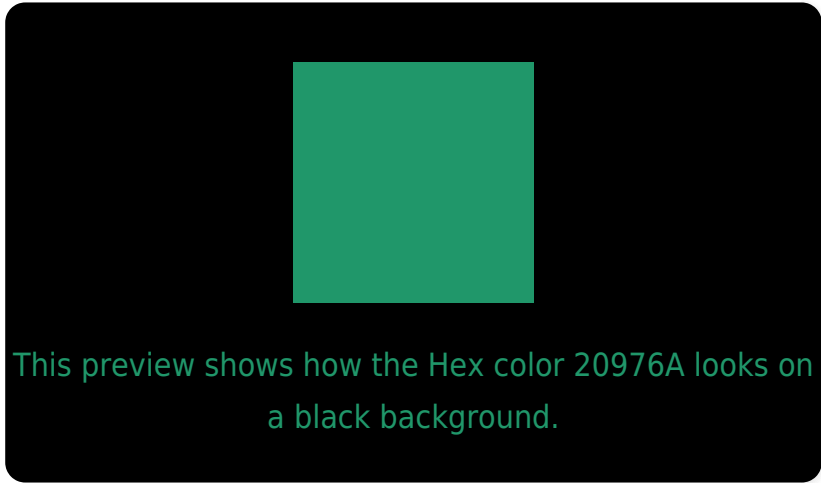
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 20976A Background



This preview shows how black text looks on a background with the Hex color 20976A.

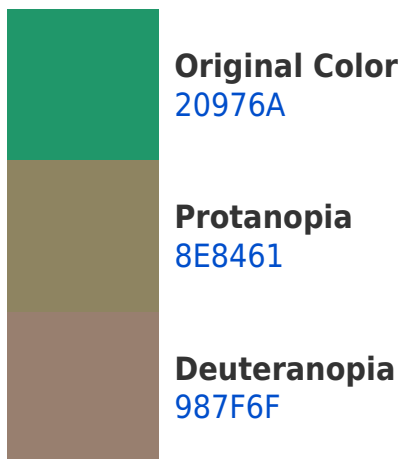


This preview shows how white text looks on a background with the Hex color 20976A.

# 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](#).

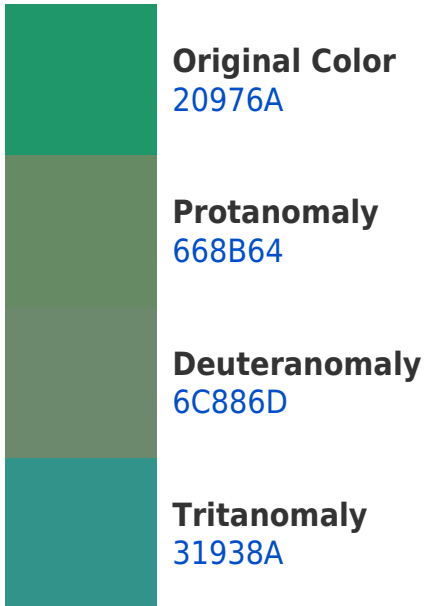
## Dichromacy



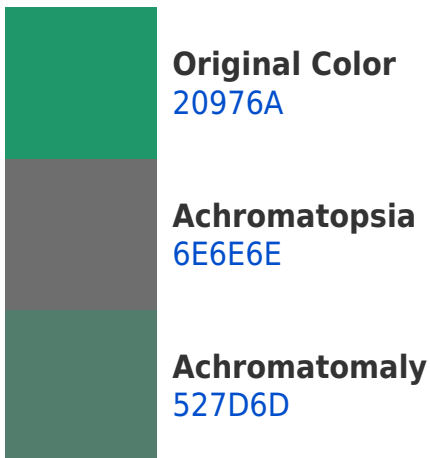


**Tritanopia**  
3A919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20976A 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 #20976A looks like.

```
.text, #text, p{  
    color:#20976A  
}
```

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 #20976A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20976A
}
```

## Border

The CSS property to change the border of an element to Hex 20976A 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
#20976A }
```

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

```
.border{ border-color:#20976A }
```

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

Here you see how a box with a 4 pixel #20976A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20976A; -webkit-box-shadow:4px 4px  
4px 4px #20976A; box-shadow:4px 4px 4px  
4px #20976A }
```

# Background

The CSS property to change the background color of an element to Hex 20976A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20976A }
```

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

```
.background{ background-color:#20976A }
```

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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