

Converting Colors

Hex(20985E)

Have a look what the booklet for
Hex(20985E) contains.

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Color

Hex(20985E)

Conversions

Conversions Part 1

Format	Color
Hex	20985E
RGB	32, 152, 94
RGB Percent	13%, 60%, 37%
CMY	0.8745, 0.4039, 0.6314
CMYK	0.79, 0.00, 0.38, 0.40
HSL	151°, 65%, 36%
HSV	151°, 79%, 60%
XYZ	13.8443, 23.5717, 14.4098
YIQ	109.5080, -52.9020, -43.4780

Conversions

Conversions Part 2

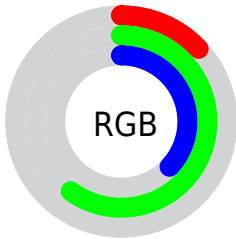
Format	Color
R_{YB}	32, 111, 152
Decimal	2136158
CIE _{Lab}	55.66, -45.79, 21.62
CIE _{LCh}	56, 50.638, 154.720
Yxy	23.5717, 0.2671, 0.4548
Android (android.graphics.Color)	4280326238 (0xFF20985E)
YUV	109.5080, -7.6454, -67.9745
Hunter-Lab	48.5507, -34.0643, 16.3883

Details

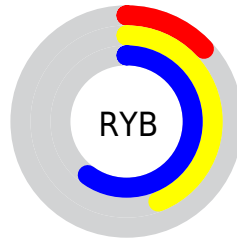
The Hex color **20985E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **98205A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **61CF91**, and **00642F** is the 20% darker color. If you saturate the color by 10%, you get **119857**, and if you desaturate by 10%, it is **2F9865**.

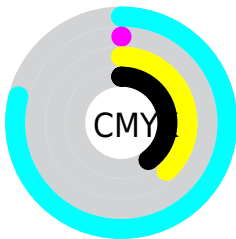
Distribution



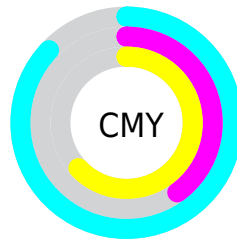
- Red (13%)
- Green (60%)
- Blue (37%)



- Red (13%)
- Yellow (44%)
- Blue (60%)



- Cyan (79%)
- Magenta (0%)
- Yellow (38%)
- Black (40%)



- Cyan (87%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20985E 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 20985E by changing the saturation by 10% instead.


 20985E

 20985E

FFFFFF

 007D46

 61CF91

 00642F

 7EECAC

 004B19

 9BFFC7

 003300

 B7FFE3

 001C00


 D5FFFF

 000000

 F2FFFF

 20985E

 20985E

 119857

 2F9865

02984F

3E986D

00984F

4E9874

5D987B

6C9883

7B988A

8A9891

9A9899

A998A0

Harmonies

Analogous

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



699139



20985E



009B8B

Triad

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



20985E



3588DD



D16556

Complementary

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



20985E



98205A

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.



D55D80



20985E



9077CE

Square

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



20985E



0094D4



C065AC



BB7534

Rectangle

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



20985E



009BA9



C065AC



D56163

Sweetspot

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



20985E



95C4AE



5A9820



476356



E3E3E3



636363

Same Dimension

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



20985E



0AC46A



209698



454D49



008C48



000D07

Inverse Universe

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



98205A



C40A64



982220



4D4549



8C0044



0D0006

Previews

White Background



This preview shows how the Hex color 20985E looks on a white background.

Color Contrast Check

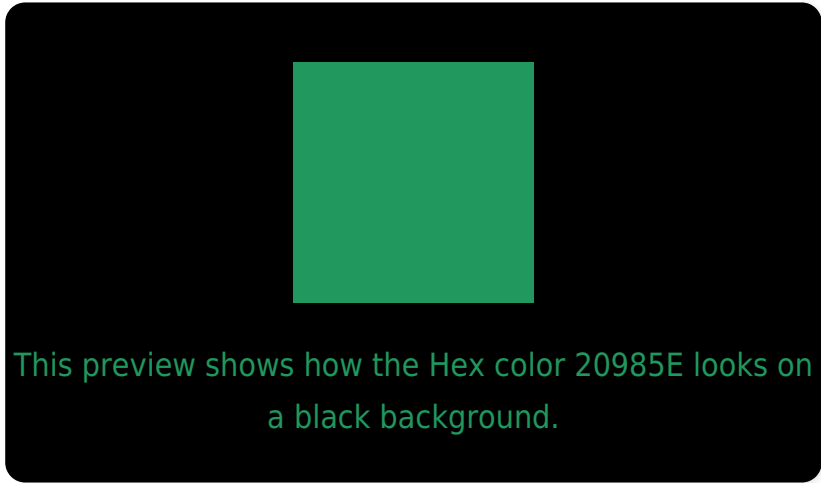
Large Text (above 18pt) WCAG AA ✓ Pass

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 20985E Background



This preview shows how black text looks on a background with the Hex color 20985E.



This preview shows how white text looks on a background with the Hex color 20985E.

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
3E919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20985E 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 #20985E looks like.

```
.text, #text, p{  
    color:#20985E  
}
```

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 #20985E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20985E
}
```

Border

The CSS property to change the border of an element to Hex 20985E 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
#20985E }
```

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

```
.border{ border-color:#20985E }
```

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

Here you see how a box with a 4 pixel #20985E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20985E; -webkit-box-shadow:4px 4px  
4px 4px #20985E; box-shadow:4px 4px 4px  
4px #20985E }
```

Background

The CSS property to change the background color of an element to Hex 20985E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20985E }
```

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

```
.background{ background-color:#20985E }
```

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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