

Converting Colors

Hex(20A375)

Have a look what the booklet for
Hex(20A375) contains.

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Color

Hex(20A375)

Conversions

Conversions Part 1

Format	Color
Hex	20A375
RGB	32, 163, 117
RGB Percent	13%, 64%, 46%
CMY	0.8745, 0.3608, 0.5412
CMYK	0.80, 0.00, 0.28, 0.36
HSL	159°, 67%, 38%
HSV	159°, 80%, 64%
XYZ	16.9037, 27.7858, 21.3019
YIQ	118.5870, -63.3100, -42.0780

Conversions

Conversions Part 2

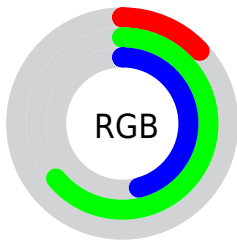
Format	Color
RYB	32, 111, 163
Decimal	2138997
CIELab	59.69, -45.09, 14.40
CIELCh	60, 47.335, 162.284
Yxy	27.7858, 0.2562, 0.4211
Android (android.graphics.Color)	4280329077 (0xFF20A375)
YUV	118.5870, -0.7824, -75.9368
Hunter-Lab	52.7123, -35.0051, 12.9385

Details

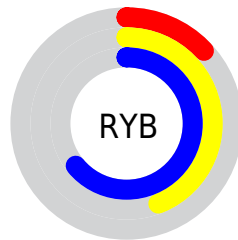
The Hex color **20A375** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A3204E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **64DBA9**, and **006E45** is the 20% darker color. If you saturate the color by 10%, you get **10A36F**, and if you desaturate by 10%, it is **30A37B**.

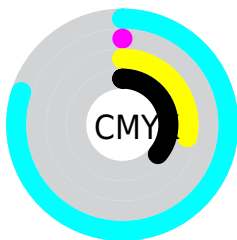
Distribution



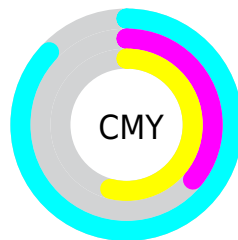
- Red (13%)
- Green (64%)
- Blue (46%)



- Red (13%)
- Yellow (44%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (36%)



- Cyan (87%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20A375 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 20A375 by changing the saturation by 10% instead.



20A375



20A375

FFFFFF



00885C



64DBA9



006E45



81F8C4



00552E



9FFFE0



003C19



BCFFFD



002700



D9FFFF



000000



F7FFFF



20A375



20A375



10A36F



30A37B

■ 00A36A

■ 41A380

■ 51A386

■ 61A38C

■ 72A392

■ 82A397

■ 92A39D

■ A2A3A3

■ B3A3A9

Harmonies

Analogous

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



699D50



20A375



00A5A0

Triad

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



20A375



678EE1



D6755A

Complementary

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



20A375



A3204E

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.



DE6C80



20A375



A97ECE

Square

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



20A375



009BDF



D070AA



BC853F

Rectangle

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



20A375



00A4BB



D070AA



DB7166

Sweetspot

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



20A375



A1D4C2



50A320



4C6B60



EBEBEB



6B6B6B

Same Dimension

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



20A375



08D48C



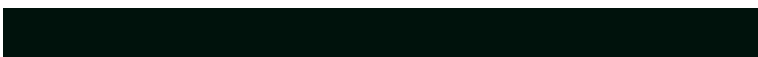
2092A3



49524F



00915E



00120C

Inverse Universe

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



A3204E



D40850



A33120



52494C



910033



120006

Previews

White Background



This preview shows how the Hex color 20A375 looks on a white background.

Color Contrast Check

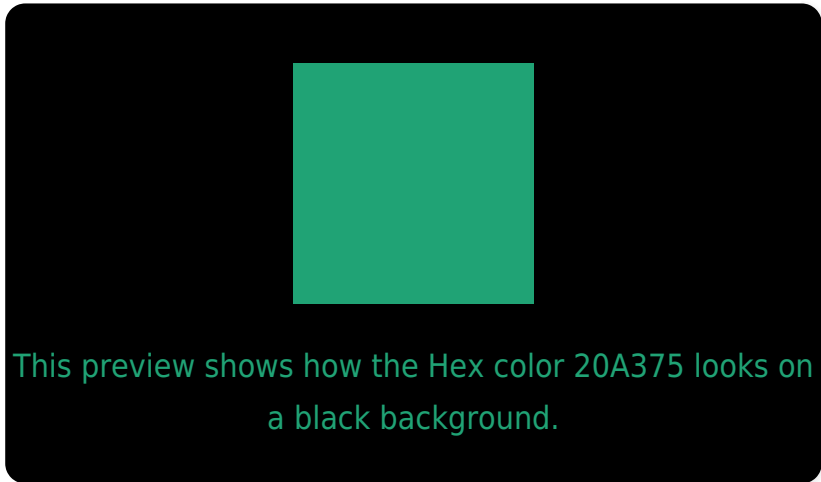
Large Text (above 18pt) WCAG AA ✓ Pass

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 20A375 Background



This preview shows how black text looks on a background with the Hex color 20A375.



This preview shows how white text looks on a background with the Hex color 20A375.

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
3D9CA9

Trichromacy



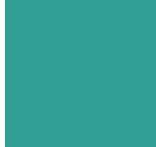
Original Color
20A375



Protanomaly
6D966F



Deuteranomaly
749279



Tritanomaly
329F96

Monochromacy



Original Color
20A375



Achromatopsia
777777



Achromatomaly
578776

CSS Examples

Text

The CSS property to change the color of the text to Hex 20A375 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 #20A375 looks like.

```
.text, #text, p{  
    color:#20A375  
}
```

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 #20A375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A375
}
```

Border

The CSS property to change the border of an element to Hex 20A375 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
#20A375 }
```

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

```
.border{ border-color:#20A375 }
```

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

Here you see how a box with a 4 pixel #20A375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A375; -webkit-box-shadow:4px 4px  
4px 4px #20A375; box-shadow:4px 4px 4px  
4px #20A375 }
```

Background

The CSS property to change the background color of an element to Hex 20A375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A375 }
```

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

```
.background{ background-color:#20A375 }
```

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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