

Converting Colors

Hex(20AB66)

Have a look what the booklet for
Hex(20AB66) contains.

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Color

Hex(20AB66)

Conversions

Conversions Part 1

Format	Color
Hex	20AB66
RGB	32, 171, 102
RGB Percent	13%, 67%, 40%
CMY	0.8745, 0.3294, 0.6000
CMYK	0.81, 0.00, 0.40, 0.33
HSL	150°, 68%, 40%
HSV	150°, 81%, 67%
XYZ	17.5568, 30.3922, 17.5113
YIQ	121.5730, -60.6950, -50.9270

Conversions

Conversions Part 2

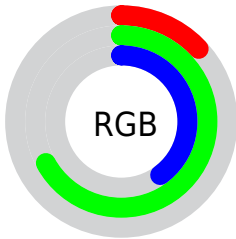
Format	Color
RYB	32, 124, 171
Decimal	2141030
CIELab	61.99, -51.41, 25.70
CIELCh	62, 57.480, 153.437
Yxy	30.3922, 0.2682, 0.4643
Android (android.graphics.Color)	4280331110 (0xFF20AB66)
YUV	121.5730, -9.6495, -78.5555
Hunter-Lab	55.1291, -39.6295, 19.7574

Details

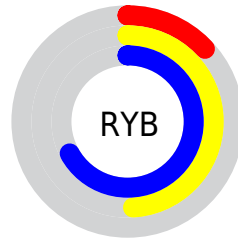
The Hex color **20AB66** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB2065**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66E39A**, and **007536** is the 20% darker color. If you saturate the color by 10%, you get **0FAB5E**, and if you desaturate by 10%, it is **31AB6E**.

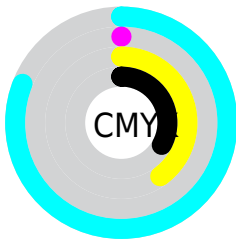
Distribution



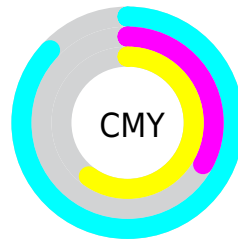
- Red (13%)
- Green (67%)
- Blue (40%)



- Red (13%)
- Yellow (49%)
- Blue (67%)



- Cyan (81%)
- Magenta (0%)
- Yellow (40%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20AB66 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 20AB66 by changing the saturation by 10% instead.

 20AB66

 20AB66

FFFFFF

 00904D

 66E39A

 007536

 83FFB5

 005C1F

 A1FFD0

 004308

 BEFFED

 002D00

 DCFFFF

 000D00

 FAFFFF

 000000

 20AB66

 20AB66

 0FAB5E

 31AB6E

 00AB56

 42AB77

 53AB7F

 64AB88

 75AB90

 87AB99

 98ABA1

 A9ABAA

 BAABB2

Harmonies

Analogous

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



77A33B



20AB66



00AE9A

Triad

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



20AB66



259AFC



EE6F61

Complementary

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



20AB66



AB2065

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.



F16692



20AB66



9F86EB

Square

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



20AB66



00A7F0



D871C4



D48239

Rectangle

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



20AB66



00AEBD



D871C4



F26A70

Sweetspot

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



20AB66



A9DEC3



65AB20



507060



F0F0F0



707070

Same Dimension

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



20AB66



04DE72



20ABAB



4E5752



00964C



00170C

Inverse Universe

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



AB2065



DE0470



AB2020



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color 20AB66 looks on a white background.

Color Contrast Check

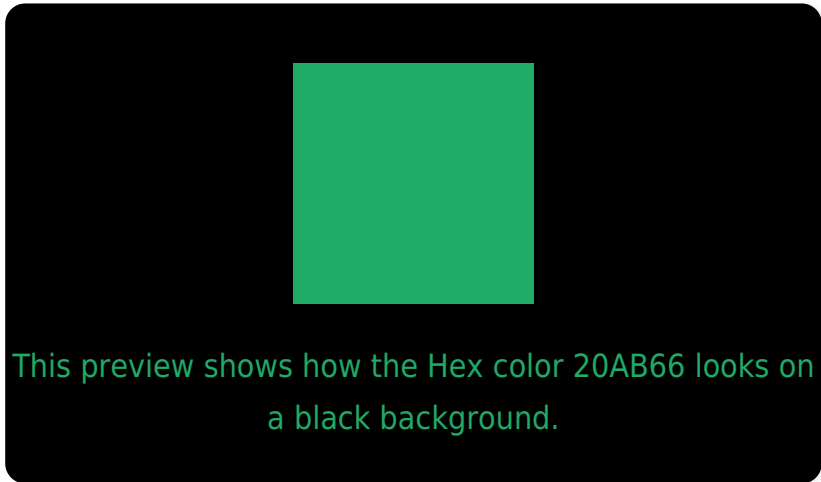
Large Text (above 18pt) WCAG AA × Fail

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

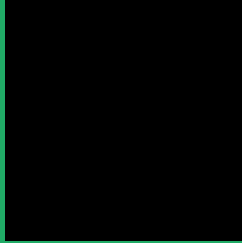
Any Text WCAG AA ✓ Pass

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 20AB66 Background



This preview shows how black text looks on a background with the Hex color 20AB66.



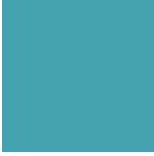
This preview shows how white text looks on a background with the Hex color 20AB66.

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](#).

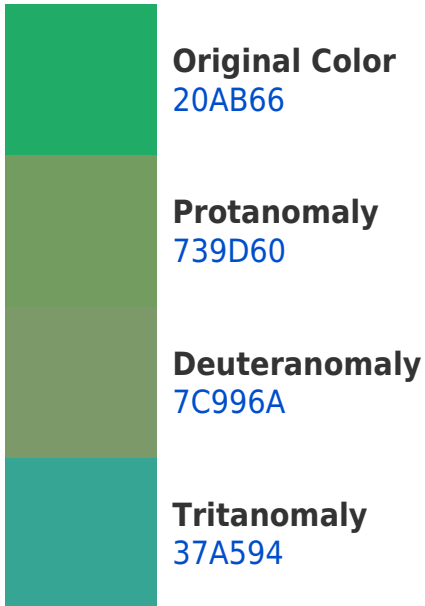
Dichromacy



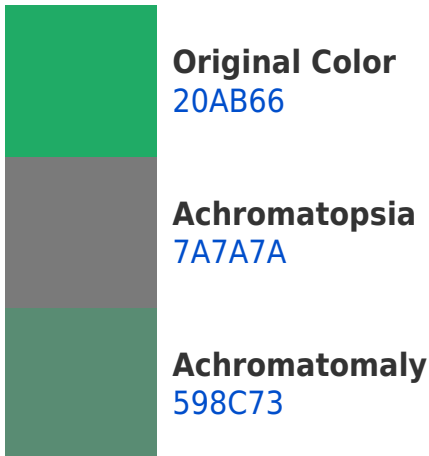


Tritanopia
44A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20AB66 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 #20AB66 looks like.

```
.text, #text, p{  
    color:#20AB66  
}
```

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 #20AB66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20AB66
}
```

Border

The CSS property to change the border of an element to Hex 20AB66 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
#20AB66 }
```

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

```
.border{ border-color:#20AB66 }
```

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

Here you see how a box with a 4 pixel #20AB66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20AB66; -webkit-box-shadow:4px 4px  
4px 4px #20AB66; box-shadow:4px 4px 4px  
4px #20AB66 }
```

Background

The CSS property to change the background color of an element to Hex 20AB66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20AB66 }
```

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

```
.background{ background-color:#20AB66 }
```

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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