

Converting Colors

Hex(20A5AF)

Have a look what the booklet for
Hex(20A5AF) contains.

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Color

Hex(20A5AF)

Conversions

Conversions Part 1

Format	Color
Hex	20A5AF
RGB	32, 165, 175
RGB Percent	13%, 65%, 69%
CMY	0.8745, 0.3529, 0.3137
CMYK	0.82, 0.06, 0.00, 0.31
HSL	184°, 69%, 41%
HSV	184°, 82%, 69%
XYZ	21.7887, 30.3125, 45.2600
YIQ	126.3730, -82.4780, -25.0860

Conversions

Conversions Part 2

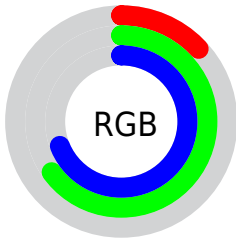
Format	Color
RYB	32, 101, 175
Decimal	2139567
CIELab	61.92, -29.87, -14.91
CIELCh	62, 33.381, 206.533
Yxy	30.3125, 0.2238, 0.3113
Android (android.graphics.Color)	4280329647 (0xFF20A5AF)
YUV	126.3730, 23.9731, -82.7651
Hunter-Lab	55.0568, -25.7082, -10.2002

Details

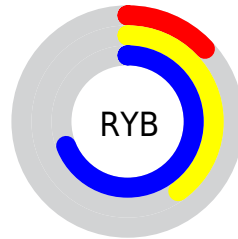
The Hex color **20A5AF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF2A20**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **69DCE7**, and **00717B** is the 20% darker color. If you saturate the color by 10%, you get **0EA4AF**, and if you desaturate by 10%, it is **31A6AF**.

Distribution



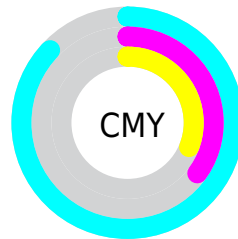
- Red (13%)
- Green (65%)
- Blue (69%)



- Red (13%)
- Yellow (40%)
- Blue (69%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (87%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20A5AF 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 20A5AF by changing the saturation by 10% instead.

 20A5AF

 20A5AF

FFFFFF

 008A94

 69DCE7

 00717B

 87F9FF

 005862

 A5FFFF

 00404A

 C3FFFF

 002933

 E1FFFF

 000E1F

 000002

 000000

 20A5AF

 20A5AF

0EA4AF

31A6AF

00A3AF

43A7AF

54A9AF

66AAAF

78ABAF

89ACAF

9BAEAF

ACAFAF

BDB0AF

Harmonies

Analogous

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



45A591



20A5AF



33A1C6

Triad

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



20A5AF



B885B7



AC935A

Complementary

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



20A5AF



AF2A20

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.



C38865



20A5AF



CC7F9A

Square

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



20A5AF



948FCA



CF817D



8E9C60

Rectangle

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



20A5AF



549CCF



CF817D



B58F5C

Sweetspot

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



20A5AF



AADFE3



20AF2A



507073



F2F2F2



737373

Same Dimension

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



20A5AF



05D3E3



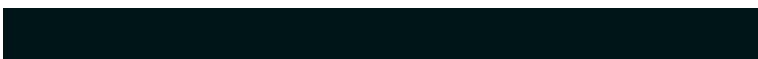
205EAF



4E5657



008C96



001517

Inverse Universe

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



AF20A5



E305D3



AF7120



574E56



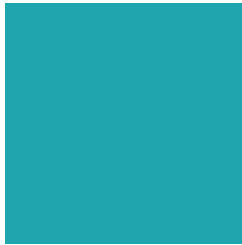
96008C



170015

Previews

White Background



This preview shows how the Hex color 20A5AF looks on a white background.

Color Contrast Check

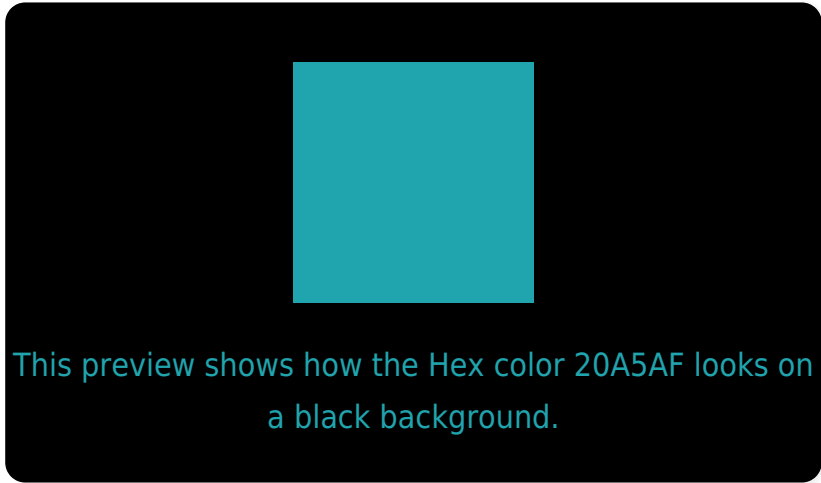
Large Text (above 18pt) WCAG AA × Fail

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

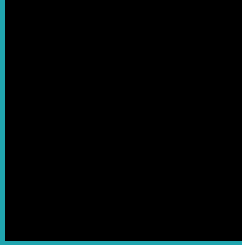
Any Text WCAG AA ✓ Pass

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 20A5AF Background



This preview shows how black text looks on a background with the Hex color 20A5AF.

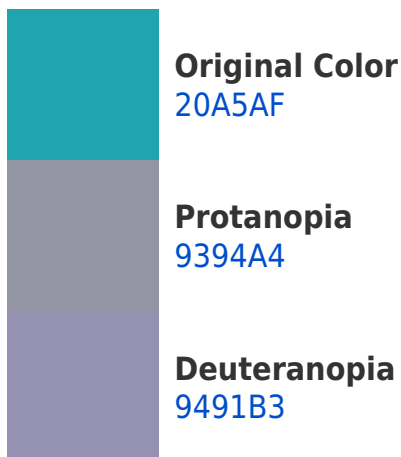


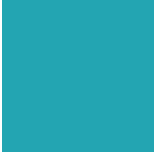
This preview shows how white text looks on a background with the Hex color 20A5AF.

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](#).

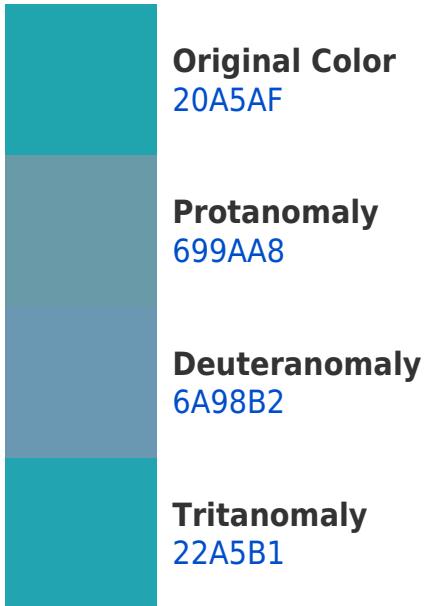
Dichromacy





Tritanopia
23A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20A5AF 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 #20A5AF looks like.

```
.text, #text, p{  
    color:#20A5AF  
}
```

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 #20A5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A5AF
}
```

Border

The CSS property to change the border of an element to Hex 20A5AF 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
#20A5AF }
```

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

```
.border{ border-color:#20A5AF }
```

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

Here you see how a box with a 4 pixel #20A5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A5AF; -webkit-box-shadow:4px 4px  
4px 4px #20A5AF; box-shadow:4px 4px 4px  
4px #20A5AF }
```

Background

The CSS property to change the background color of an element to Hex 20A5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A5AF }
```

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

```
.background{ background-color:#20A5AF }
```

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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