

Converting Colors

Hex(20A4C3)

Have a look what the booklet for
Hex(20A4C3) contains.

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Color

Hex(20A4C3)

Conversions

Conversions Part 1

Format	Color
Hex	20A4C3
RGB	32, 164, 195
RGB Percent	13%, 64%, 76%
CMY	0.8745, 0.3569, 0.2353
CMYK	0.84, 0.16, 0.00, 0.24
HSL	191°, 72%, 45%
HSV	191°, 84%, 76%
XYZ	23.7215, 30.7981, 56.3241
YIQ	128.0660, -88.6230, -18.3430

Conversions

Conversions Part 2

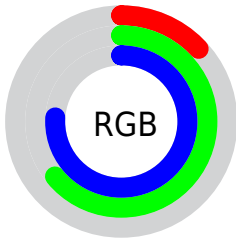
Format	Color
R _Y B	32, 105, 195
Decimal	2139331
CIE Lab	62.34, -22.86, -25.49
CIE LCh	62, 34.234, 228.113
Yxy	30.7981, 0.2140, 0.2779
Android (android.graphics.Color)	4280329411 (0xFF20A4C3)
YUV	128.0660, 32.9985, -84.2499
Hunter-Lab	55.4961, -20.8194, -21.3275

Details

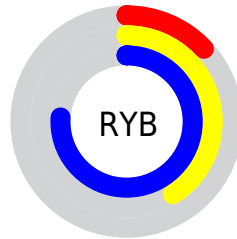
The Hex color **20A4C3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **C33F20**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6CDBFC**, and **00708D** is the 20% darker color. If you saturate the color by 10%, you get **0CA0C3**, and if you desaturate by 10%, it is **33A8C3**.

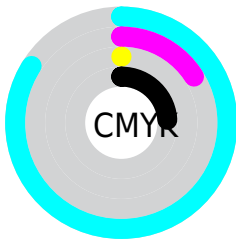
Distribution



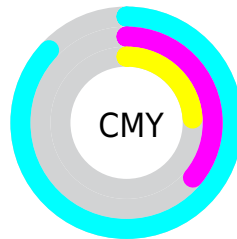
- Red (13%)
- Green (64%)
- Blue (76%)



- Red (13%)
- Yellow (41%)
- Blue (76%)



- Cyan (84%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20A4C3 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 20A4C3 by changing the saturation by 10% instead.

 20A4C3

 20A4C3

FFFFFF

 008AA8

 6CDBFC

 00708D

 8BF8FF

 005774

 A9FFFF

 00405B

 C7FFFF

 002943

 E6FFFF

 00122D

 000118

 000000

 20A4C3

 20A4C3

0CA0C3

33A8C3

009EC3

47ABC3

5BAFC3

6EB3C3

82B7C3

95BAC3

A9BEC3

BCC2C3

CFC5C3

Harmonies

Analogous

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



23A7A9



20A4C3



569DD2

Triad

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



20A4C3



CA80A4



989B5C

Complementary

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



20A4C3



C33F20

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.



B5915B



20A4C3



D28085

Square

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



20A4C3



B188BF



CA866B



76A26D

Rectangle

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



20A4C3



7897D3



CA866B



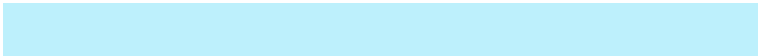
A3985A

Sweetspot

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



20A4C3



BDF0FC



20C33E



597880



000000



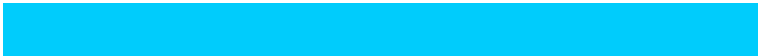
808080

Same Dimension

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



20A4C3



00CCFC



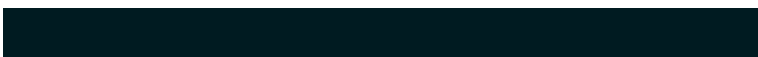
2054C3



575F61



0082A1



001B21

Inverse Universe

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



C320A4



FC00CC



C38F20



61575F



A10082



21001B

Previews

White Background



This preview shows how the Hex color 20A4C3 looks on a white background.

Color Contrast Check

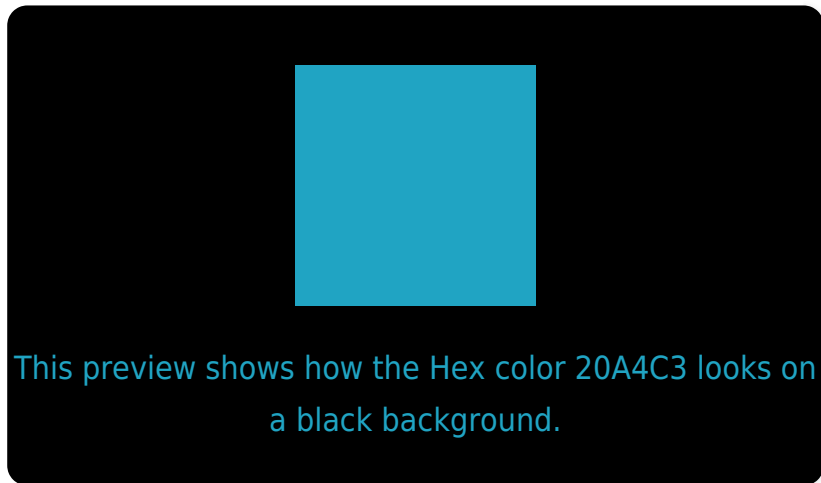
Large Text (above 18pt) WCAG AA × Fail

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

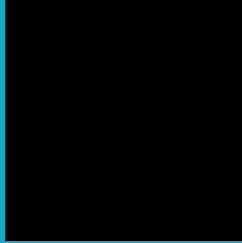
Any Text WCAG AA ✓ Pass

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 20A4C3 Background



This preview shows how black text looks on a background with the Hex color 20A4C3.

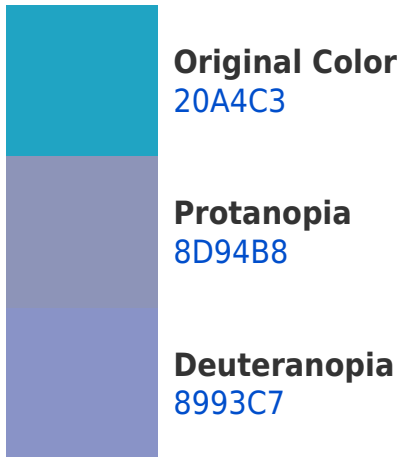


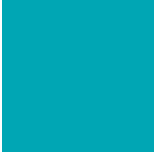
This preview shows how white text looks on a background with the Hex color 20A4C3.

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
00A6B4

Trichromacy



Original Color
20A4C3



Protanomaly
659ABC



Deuteranomaly
6399C6



Tritanomaly
0CA5B9

Monochromacy



Original Color
20A4C3



Achromatopsia
808080



Achromatomaly
5D8D98

CSS Examples

Text

The CSS property to change the color of the text to Hex 20A4C3 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 #20A4C3 looks like.

```
.text, #text, p{  
    color:#20A4C3  
}
```

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 #20A4C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A4C3
}
```

Border

The CSS property to change the border of an element to Hex 20A4C3 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
#20A4C3 }
```

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

```
.border{ border-color:#20A4C3 }
```

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

Here you see how a box with a 4 pixel #20A4C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A4C3; -webkit-box-shadow:4px 4px  
4px 4px #20A4C3; box-shadow:4px 4px 4px  
4px #20A4C3 }
```

Background

The CSS property to change the background color of an element to Hex 20A4C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A4C3 }
```

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

```
.background{ background-color:#20A4C3 }
```

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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