

Converting Colors

Hex(20DAE9)

Have a look what the booklet for
Hex(20DAE9) contains.

Hex(20DAE9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(20DAE9)

Conversions

Conversions Part 1

Format	Color
Hex	20DAE9
RGB	32, 218, 233
RGB Percent	13%, 85%, 91%
CMY	0.8745, 0.1451, 0.0863
CMYK	0.86, 0.06, 0.00, 0.09
HSL	184°, 82%, 52%
HSV	184°, 86%, 91%
XYZ	40.3750, 56.3331, 85.8362
YIQ	164.0960, -115.6710, -34.7670

Conversions

Conversions Part 2

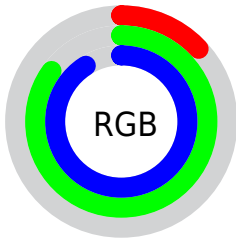
Format	Color
RYP	32, 129, 233
Decimal	2153193
CIELab	79.80, -37.08, -19.58
CIElCh	80, 41.934, 207.834
Yxy	56.3331, 0.2212, 0.3086
Android (android.graphics.Color)	4280343273 (0xFF20DAE9)
YUV	164.0960, 33.9697, -115.8482
Hunter-Lab	75.0554, -35.3252, -15.2676

Details

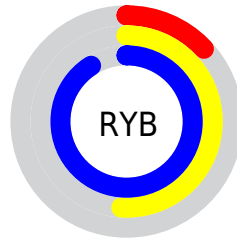
The Hex color **20DAE9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E92F20**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **78FFFF**, and **00A2B1** is the 20% darker color. If you saturate the color by 10%, you get **09D8E9**, and if you desaturate by 10%, it is **37DCE9**.

Distribution



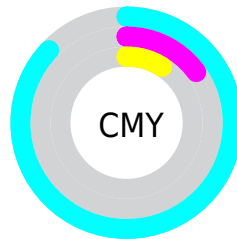
- Red (13%)
- Green (85%)
- Blue (91%)



- Red (13%)
- Yellow (51%)
- Blue (91%)



- Cyan (86%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20DAE9 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 20DAE9 by changing the saturation by 10% instead.

 20DAE9

 20DAE9

FFFFFF

 00BECD

 78FFFF

 00A2B1

 99FFFF

 008897

 B9FFFF

 006E7D

 D9FFFF

 005564

 F9FFFF

 003D4C

 002835

 000220

 000005

■ 20DAE9

■ 20DAE9

■ 09D8E9

■ 37DCE9

■ 00D8E9

■ 4FDDE9

■ 66DFE9

■ 7DE1E9

■ 94E3E9

■ ACE4E9

■ C3E6E9

■ DAE8E9

■ F2EAE9

Harmonies

Analogous

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



57DBC2



20DAE9



42D5FF

Triad

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



20DAE9



F4AFF0



E2C277

Complementary

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



20DAE9



E92F20

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.



FFB585



20DAE9



FFA8CA

Square

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



20DAE9



C6BDFE



FFAAA3



BACE7F

Rectangle

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



20DAE9



71CEFF



FFAAA3



EEBE79

Sweetspot

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



20DAE9



BDFAFF



20E92D



587D80



000000



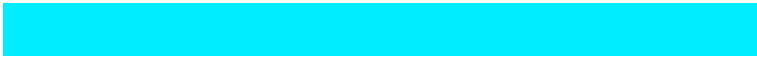
808080

Same Dimension

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



20DAE9



00ECFF



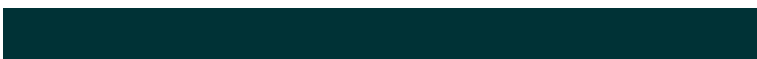
2077E9



6A7475



00A8B5



003236

Inverse Universe

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



E920DA



FF00EC



E99220



756A74



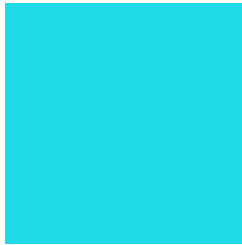
B500A8



360032

Previews

White Background



This preview shows how the Hex color 20DAE9 looks on a white background.

Color Contrast Check

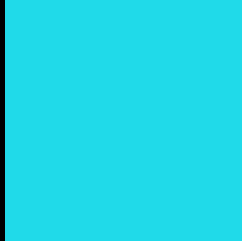
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 20DAE9 looks on a 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 20DAE9 Background



This preview shows how black text looks on a background with the Hex color 20DAE9.

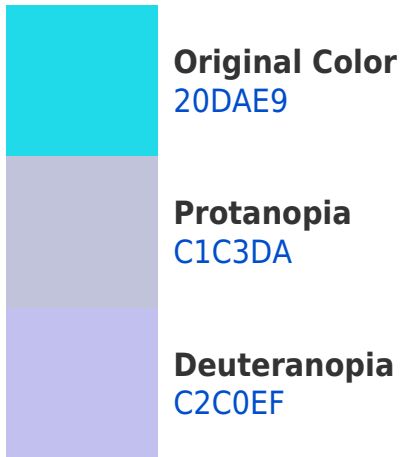


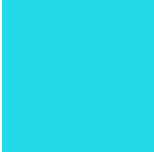
This preview shows how white text looks on a background with the Hex color 20DAE9.

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



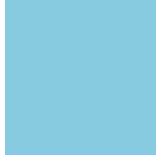


Tritanopia
23DAEB

Trichromacy



Original Color
20DAE9



Protanomaly
86CBDF



Deuteranomaly
87C9ED

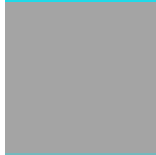


Tritanomaly
22DAEA

Monochromacy



Original Color
20DAE9



Achromatopsia
A4A4A4



Achromatomaly
74B8BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 20DAE9 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 #20DAE9 looks like.

```
.text, #text, p{  
  color:#20DAE9  
}
```

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 #20DAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20DAE9
}
```

Border

The CSS property to change the border of an element to Hex 20DAE9 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
#20DAE9 }
```

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

```
.border{ border-color:#20DAE9 }
```

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

Here you see how a box with a 4 pixel #20DAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20DAE9; -webkit-box-shadow:4px 4px  
4px 4px #20DAE9; box-shadow:4px 4px 4px  
4px #20DAE9 }
```

Background

The CSS property to change the background color of an element to Hex 20DAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20DAE9 }
```

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

```
.background{ background-color:#20DAE9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor