

Converting Colors

Hex(20DBE3)

Have a look what the booklet for
Hex(20DBE3) contains.

Hex(20DBE3)	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(20DBE3)

Conversions

Conversions Part 1

Format	Color
Hex	20DBE3
RGB	32, 219, 227
RGB Percent	13%, 86%, 89%
CMY	0.8745, 0.1412, 0.1098
CMYK	0.86, 0.04, 0.00, 0.11
HSL	182°, 78%, 51%
HSV	182°, 86%, 89%
XYZ	39.7923, 56.5162, 81.4845
YIQ	163.9990, -114.0200, -37.1560

Conversions

Conversions Part 2

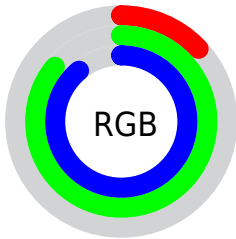
Format	Color
RYB	32, 127, 227
Decimal	2153443
CIELab	79.91, -39.35, -16.22
CIELCh	80, 42.560, 202.408
Yxy	56.5162, 0.2238, 0.3179
Android (android.graphics.Color)	4280343523 (0xFF20DBE3)
YUV	163.9990, 31.0595, -115.7631
Hunter-Lab	75.1772, -37.0777, -11.6403

Details

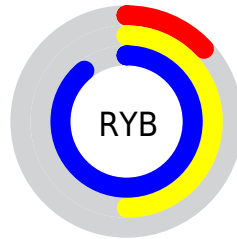
The Hex color **20DBE3** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E32820**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **77FFFF**, and **00A3AC** is the 20% darker color. If you saturate the color by 10%, you get **09DAE3**, and if you desaturate by 10%, it is **37DCE3**.

Distribution



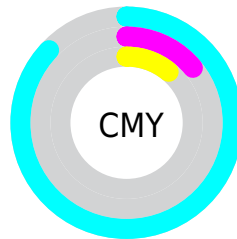
- Red (13%)
- Green (86%)
- Blue (89%)



- Red (13%)
- Yellow (50%)
- Blue (89%)



- Cyan (86%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (87%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20DBE3 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 20DBE3 by changing the saturation by 10% instead.

 20DBE3

 20DBE3

FFFFFF

 00BFC7

 77FFFF

 00A3AC

 98FFFF

 008991

 B8FFFF


 006F77

 D8FFFF

 00555F

 F8FFFF

 003D47

 002831

 00021D

 000000

■ 20DBE3

■ 20DBE3

■ 09DAE3

■ 37DCE3

■ 00DAE3

■ 4DDDE3

■ 64DEE3

■ 7BDFE3

■ 92E0E3

■ A8E1E3

■ BFE2E3

■ D6E2E3

■ ECE3E3

Harmonies

Analogous

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



5FDBBA



20DBE3



2FD7FF

Triad

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



20DBE3



EEB1F7



E9C077

Complementary

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



20DBE3



E32820

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.



FFB389



20DBE3



FFA8D2

Square

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



20DBE3



BCC0FF



FFA9AA



C2CD7B

Rectangle

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



20DBE3



62D1FF



FFA9AA



F4BC7B

Sweetspot

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



20DBE3



BDFCFF



20E326



587E80



000000



808080

Same Dimension

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



20DBE3



00F5FF



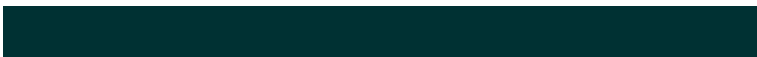
207BE3



677273



00ABB3



003133

Inverse Universe

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



E320DB



FF00F5



E38820



736772



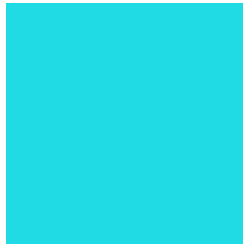
B300AB



330031

Previews

White Background



This preview shows how the Hex color 20DBE3 looks on a white background.

Color Contrast Check

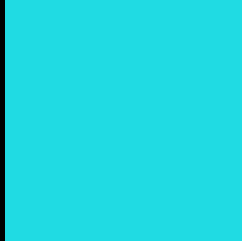
Large Text (above 18pt) WCAG AA × Fail

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 20DBE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

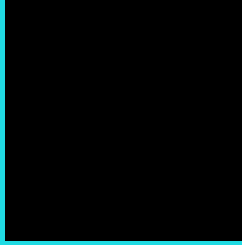
Any Text WCAG AA ✓ Pass

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 20DBE3 Background



This preview shows how black text looks on a background with the Hex color 20DBE3.

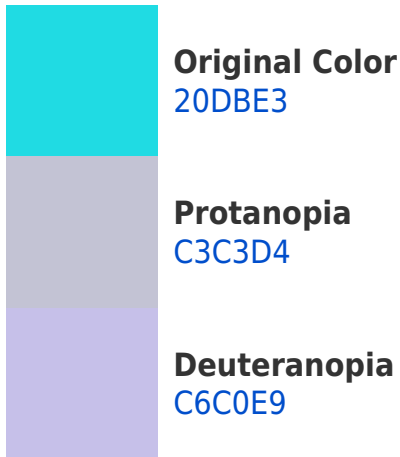


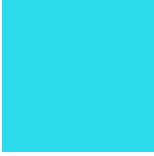
This preview shows how white text looks on a background with the Hex color 20DBE3.

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
2BDAEB

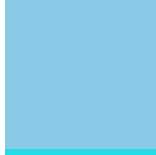
Trichromacy



Original Color
20DBE3



Protanomaly
88CCD9



Deuteranomaly
8ACAE7

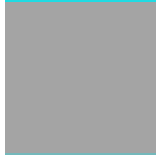


Tritanomaly
27DAE8

Monochromacy



Original Color
20DBE3



Achromatopsia
A4A4A4



Achromatomaly
74B8BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 20DBE3 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 #20DBE3 looks like.

```
.text, #text, p{  
    color:#20DBE3  
}
```

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 #20DBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20DBE3
}
```

Border

The CSS property to change the border of an element to Hex 20DBE3 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
#20DBE3 }
```

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

```
.border{ border-color:#20DBE3 }
```

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

Here you see how a box with a 4 pixel #20DBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20DBE3; -webkit-box-shadow:4px 4px  
4px 4px #20DBE3; box-shadow:4px 4px 4px  
4px #20DBE3 }
```

Background

The CSS property to change the background color of an element to Hex 20DBE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20DBE3 }
```

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

```
.background{ background-color:#20DBE3 }
```

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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