

# Converting Colors

Hex(20DEC5)

Have a look what the booklet for  
Hex(20DEC5) contains.

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# Color

Hex(20DEC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	20DEC5
RGB	32, 222, 197
RGB Percent	13%, 87%, 77%
CMY	0.8745, 0.1294, 0.2275
CMYK	0.86, 0.00, 0.11, 0.13
HSL	172°, 75%, 50%
HSV	172°, 86%, 87%
XYZ	36.7950, 56.5808, 61.8052
YIQ	162.3400, -105.2150, -48.0550

# Conversions

## Conversions Part 2

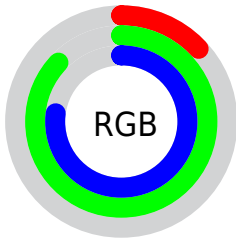
Format	Color
<a href="#">RYB</a>	<a href="#">32, 134, 222</a>
Decimal	<a href="#">2154181</a>
CIELab	<a href="#">79.94, -49.14, -0.18</a>
CIElCh	<a href="#">80, 49.142, 180.207</a>
Yxy	<a href="#">56.5808, 0.2371, 0.3646</a>
Android (android.graphics.Color)	<a href="#">4280344261</a> ( <a href="#">0xFF20DEC5</a> )
YUV	<a href="#">162.3400, 17.0874, -114.3082</a>
Hunter-Lab	<a href="#">75.2202, -44.3198, 3.9381</a>

# Details

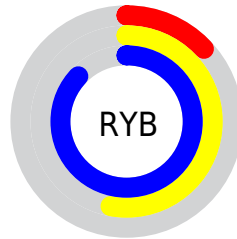
The Hex color **20DEC5** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DE2039**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **74FFFE**, and **00A68F** is the 20% darker color. If you saturate the color by 10%, you get **0ADEC2**, and if you desaturate by 10%, it is **36DEC8**.

# Distribution



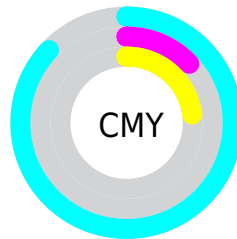
- Red (13%)
- Green (87%)
- Blue (77%)



- Red (13%)
- Yellow (53%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20DEC5 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 20DEC5 by changing the saturation by 10% instead.



 20DEC5

 20DEC5

FFFFFF

 00C2AA

 74FFFE

 00A68F

 95FFFF

 008B76

 B5FFFF

 00705D

 D4FFFF

 005746

 F4FFFF

 003E2F

 00281B

 000000

 20DEC5

 20DEC5

 0ADEC2

 36DEC8

 00DEC1

 4CDECB

 63DECE

 79DED1

 8FDED4

 A5DED7

 BBDED9

 D2DEDC

 E8DEDF

# Harmonies

## Analogous

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



7BDA97



20DEC5



00DDF3

# Triad

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



20DEC5



CBBAFF



FFB378

# Complementary

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



20DEC5



DE2039

# 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.



FFA59A



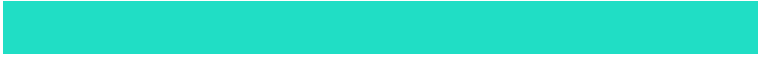
20DEC5



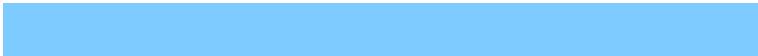
FFAAF5

# Square

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



20DEC5



7DCBFF



FFA1C8



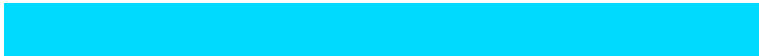
E2C469

# Rectangle

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



20DEC5



00DAFF



FFA1C8

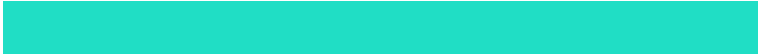


FFAE81

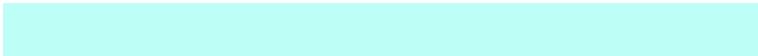


# Sweetspot

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



20DEC5



BDFFF6



39DE20



58807A



000000



808080



# Same Dimension

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



20DEC5



00FFDD



2098DE



65706F



00B099



00302A



# Inverse Universe

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



DE2039



FF0022



DE6620



706566



B00017

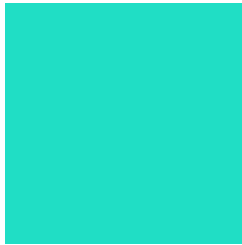


300006



# Previews

## White Background



This preview shows how the Hex color 20DEC5 looks on a white background.

## Color Contrast Check

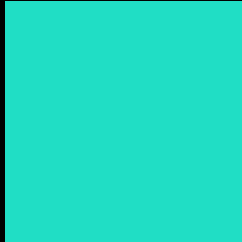
Large Text (above 18pt) WCAG AA × Fail

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 20DEC5 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

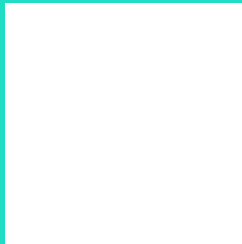
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 20DEC5 Background



This preview shows how black text looks on a background with the Hex color 20DEC5.



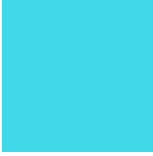
This preview shows how white text looks on a background with the Hex color 20DEC5.

# 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**  
41D9EA

# Trichromacy



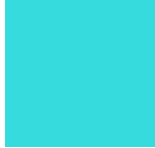
**Original Color**  
20DEC5



**Protanomaly**  
8DCDBB



**Deuteranomaly**  
93CAC9

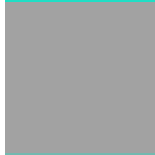


**Tritanomaly**  
35DBDD

# Monochromacy



**Original Color**  
20DEC5



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
73B8AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20DEC5 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 #20DEC5 looks like.

```
.text, #text, p{  
    color:#20DEC5  
}
```

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 #20DEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20DEC5  
}
```

## Border

The CSS property to change the border of an element to Hex 20DEC5 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  
#20DEC5 }
```

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

```
.border{ border-color:#20DEC5 }
```

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

Here you see how a box with a 4 pixel #20DEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20DEC5; -webkit-box-shadow:4px 4px  
4px 4px #20DEC5; box-shadow:4px 4px 4px  
4px #20DEC5 }
```

# Background

The CSS property to change the background color of an element to Hex 20DEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20DEC5 }
```

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

```
.background{ background-color:#20DEC5 }
```

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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