

Converting Colors

Hex(22D9E6)

Have a look what the booklet for
Hex(22D9E6) contains.

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Color

Hex(22D9E6)

Conversions

Conversions Part 1

Format	Color
Hex	22D9E6
RGB	34, 217, 230
RGB Percent	13%, 85%, 90%
CMY	0.8667, 0.1490, 0.0980
CMYK	0.85, 0.06, 0.00, 0.10
HSL	184°, 80%, 52%
HSV	184°, 85%, 90%
XYZ	39.7555, 55.6790, 83.5147
YIQ	163.7650, -113.2410, -34.7530

Conversions

Conversions Part 2

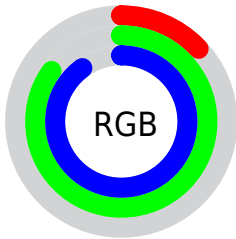
Format	Color
RYB	34, 129, 230
Decimal	2284006
CIELab	79.43, -37.41, -18.54
CIELCh	79, 41.752, 206.362
Yxy	55.6790, 0.2222, 0.3111
Android (android.graphics.Color)	4280474086 (0xFF22D9E6)
YUV	163.7650, 32.6539, -113.8039
Hunter-Lab	74.6183, -35.4801, -14.1260

Details

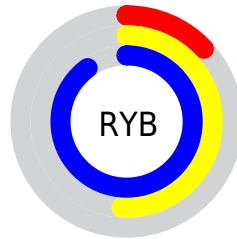
The Hex color **22D9E6** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E62F22**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **78FFFF**, and **00A1AF** is the 20% darker color. If you saturate the color by 10%, you get **0BD7E6**, and if you desaturate by 10%, it is **39DBE6**.

Distribution



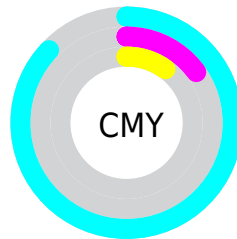
- Red (13%)
- Green (85%)
- Blue (90%)



- Red (13%)
- Yellow (51%)
- Blue (90%)



- Cyan (85%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (87%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22D9E6 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 22D9E6 by changing the saturation by 10% instead.

22D9E6

22D9E6

FFFFFF

00BDCA

78FFFF

00A1AF

99FFFF

008794

B9FFFF

006D7A

D9FFFF

005461

F8FFFF

003C49

002733

00021E

000001

■ 22D9E6

■ 22D9E6

■ 0BD7E6

■ 39DBE6

■ 00D7E6

■ 50DCE6

■ 67DEE6

■ 7EDFE6

■ 95E1E6

■ ACE2E6

■ C3E4E6

■ DAE5E6

■ F1E7E6

Harmonies

Analogous

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



59D9BF



22D9E6



3ED4FF

Triad

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



22D9E6



F1AFF0



E3C177

Complementary

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



22D9E6



E62F22

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.



FFB385



22D9E6



FFA7CB

Square

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



22D9E6



C3BCFF



FFA9A4



BBCD7E

Rectangle

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



22D9E6



6DCEFF



FFA9A4



EEBC79

Sweetspot

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



22D9E6



BDFBFF



22E62C



587D80



000000



808080

Same Dimension

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



22D9E6



00EEFF



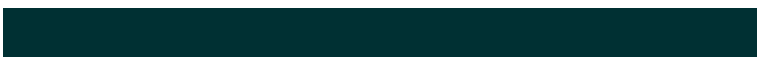
227AE6



677273



00A7B3



003033

Inverse Universe

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



E622D9



FF00EE



E68E22



736772



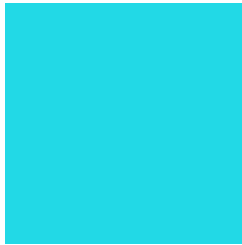
B300A7



330030

Previews

White Background



This preview shows how the Hex color 22D9E6 looks on a white background.

Color Contrast Check

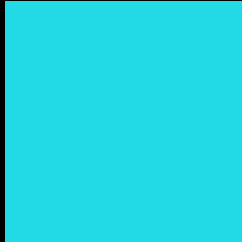
Large Text (above 18pt) WCAG AA × Fail

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 22D9E6 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 22D9E6 Background



This preview shows how black text looks on a background with the Hex color 22D9E6.

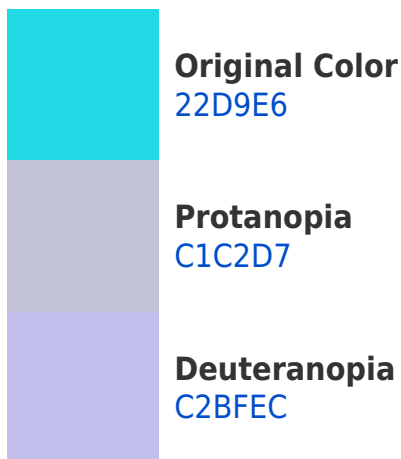


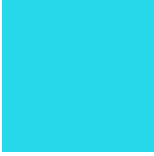
This preview shows how white text looks on a background with the Hex color 22D9E6.

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



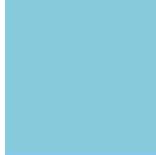


Tritanopia
27D8EA

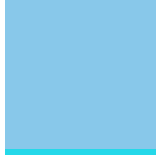
Trichromacy



Original Color
22D9E6



Protanomaly
87CADC



Deuteranomaly
88C8EA

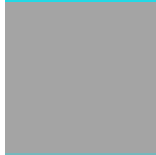


Tritanomaly
25D8E9

Monochromacy



Original Color
22D9E6



Achromatopsia
A4A4A4



Achromatomaly
75B7BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 22D9E6 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 #22D9E6 looks like.

```
.text, #text, p{  
    color:#22D9E6  
}
```

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 #22D9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D9E6
}
```

Border

The CSS property to change the border of an element to Hex 22D9E6 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
#22D9E6 }
```

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

```
.border{ border-color:#22D9E6 }
```

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

Here you see how a box with a 4 pixel #22D9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D9E6; -webkit-box-shadow:4px 4px  
4px 4px #22D9E6; box-shadow:4px 4px 4px  
4px #22D9E6 }
```

Background

The CSS property to change the background color of an element to Hex 22D9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D9E6 }
```

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

```
.background{ background-color:#22D9E6 }
```

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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