

Converting Colors

Hex(22DDF3)

Have a look what the booklet for
Hex(22DDF3) contains.

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Color

Hex(22DDF3)

Conversions

Conversions Part 1

Format	Color
Hex	22DDF3
RGB	34, 221, 243
RGB Percent	13%, 87%, 95%
CMY	0.8667, 0.1333, 0.0471
CMYK	0.86, 0.09, 0.00, 0.05
HSL	186°, 90%, 54%
HSV	186°, 86%, 95%
XYZ	42.6938, 58.5240, 93.8401
YIQ	167.5950, -118.5140, -32.8020

Conversions

Conversions Part 2

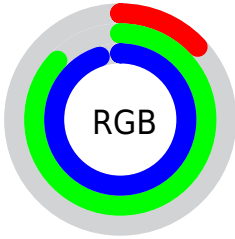
Format	Color
RYB	34, 133, 243
Decimal	2285043
CIELab	81.03, -35.31, -23.04
CIELCh	81, 42.157, 213.125
Yxy	58.5240, 0.2189, 0.3000
Android (android.graphics.Color)	4280475123 (0xFF22DDF3)
YUV	167.5950, 37.1747, -117.1628
Hunter-Lab	76.5010, -34.2592, -19.1775

Details

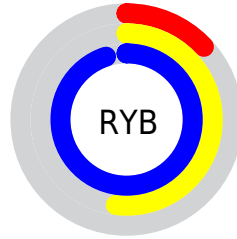
The Hex color **22DDF3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F33822**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7AFFFF**, and **00A5BB** is the 20% darker color. If you saturate the color by 10%, you get **0ADAF3**, and if you desaturate by 10%, it is **3AE0F3**.

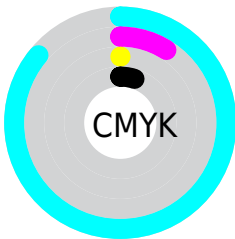
Distribution



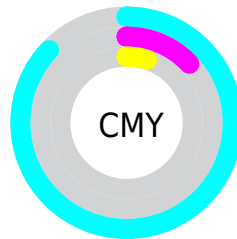
- Red (13%)
- Green (87%)
- Blue (95%)



- Red (13%)
- Yellow (52%)
- Blue (95%)



- Cyan (86%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (87%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22DDF3 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 22DDF3 by changing the saturation by 10% instead.

 22DDF3

 22DDF3

FFFFFF

 00C1D7

 7AFFFF

 00A5BB

 9CFFFF

 008BA0

 BCFFFF

 007186

 DCFFFF

 00586C

 FCFFFF

 004054

 002A3D

 000A27

 000111

■ 22DDF3

■ 22DDF3

■ 0ADAF3

■ 3AE0F3

■ 00D9F3

■ 53E2F3

■ 6BE5F3

■ 83E7F3

■ 9BEAF3

■ B4ECF3

■ CCEFF3

■ E4F1F3

■ FDF4F3

Harmonies

Analogous

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



50DECC



22DDF3



52D7FF

Triad

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



22DDF3



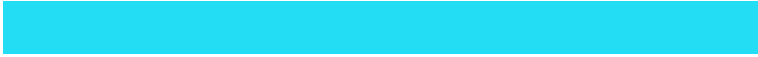
FEB0EE



DFC87A

Complementary

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



22DDF3



F33822

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.



FFBB84



22DDF3



FFAAC7

Square

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



22DDF3



D3BDFF



FFAFA0



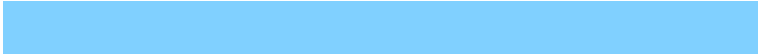
B6D486

Rectangle

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



22DDF3



80D0FF



FFAFA0



ECC47B

Sweetspot

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



22DDF3



BDF8FF



22F337



587B80



000000



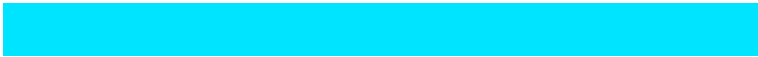
808080

Same Dimension

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



22DDF3



00E4FF



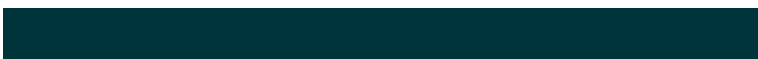
2276F3



6E797A



00A7BA



00343B

Inverse Universe

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



F322DD



FF00E4



F39F22



7A6E79



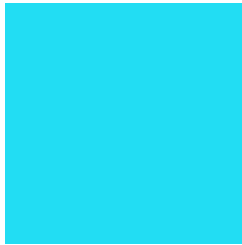
BA00A7



3B0034

Previews

White Background



This preview shows how the Hex color 22DDF3 looks on a white background.

Color Contrast Check

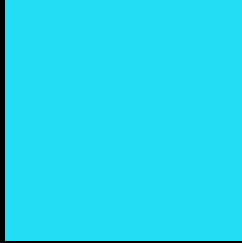
Large Text (above 18pt) WCAG AA × Fail

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 22DDF3 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 22DDF3 Background



This preview shows how black text looks on a background with the Hex color 22DDF3.

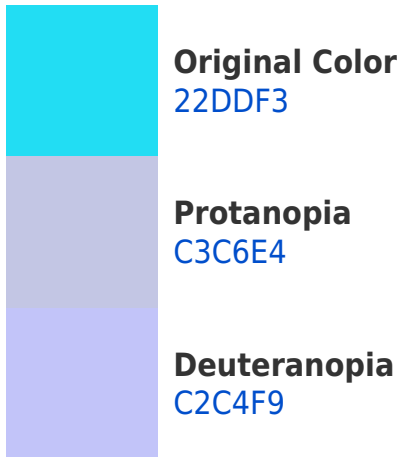


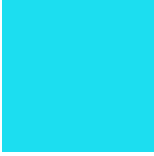
This preview shows how white text looks on a background with the Hex color 22DDF3.

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



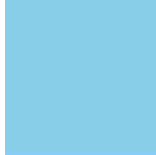


Tritanopia
1CDEF0

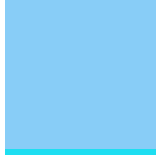
Trichromacy



Original Color
22DDF3



Protanomaly
88CEE9



Deuteranomaly
88CDF7

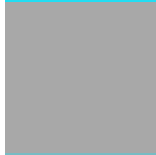


Tritanomaly
1EDEF1

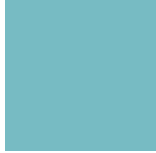
Monochromacy



Original Color
22DDF3



Achromatopsia
A8A8A8



Achromatomaly
77BBC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 22DDF3 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 #22DDF3 looks like.

```
.text, #text, p{  
    color:#22DDF3  
}
```

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 #22DDF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22DDF3
}
```

Border

The CSS property to change the border of an element to Hex 22DDF3 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
#22DDF3 }
```

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

```
.border{ border-color:#22DDF3 }
```

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

Here you see how a box with a 4 pixel #22DDF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22DDF3; -webkit-box-shadow:4px 4px  
4px 4px #22DDF3; box-shadow:4px 4px 4px  
4px #22DDF3 }
```

Background

The CSS property to change the background color of an element to Hex 22DDF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22DDF3 }
```

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

```
.background{ background-color:#22DDF3 }
```

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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