

Converting Colors

Hex(22E3D6)

Have a look what the booklet for
Hex(22E3D6) contains.

Hex(22E3D6)	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(22E3D6)

Conversions

Conversions Part 1

Format	Color
Hex	22E3D6
RGB	34, 227, 214
RGB Percent	13%, 89%, 84%
CMY	0.8667, 0.1098, 0.1608
CMYK	0.85, 0.00, 0.06, 0.11
HSL	176°, 78%, 51%
HSV	176°, 85%, 89%
XYZ	40.2664, 60.1333, 73.1030
YIQ	167.8110, -110.8550, -44.9590

Conversions

Conversions Part 2

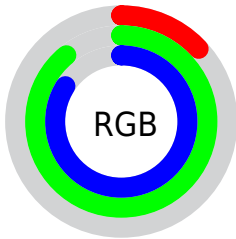
Format	Color
RYB	34, 134, 227
Decimal	2286550
CIELab	81.91, -46.50, -6.32
CIELCh	82, 46.931, 187.735
Yxy	60.1333, 0.2321, 0.3466
Android (android.graphics.Color)	4280476630 (0xFF22E3D6)
YUV	167.8110, 22.7712, -117.3522
Hunter-Lab	77.5457, -43.0170, -1.6112

Details

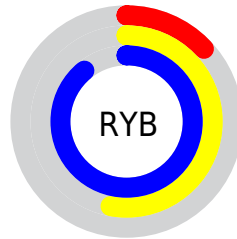
The Hex color **22E3D6** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E3222F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **78FFFF**, and **00AB9F** is the 20% darker color. If you saturate the color by 10%, you get **0BE3D4**, and if you desaturate by 10%, it is **39E3D8**.

Distribution



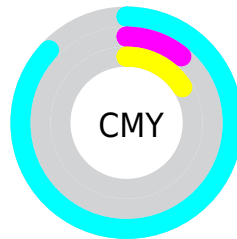
- Red (13%)
- Green (89%)
- Blue (84%)



- Red (13%)
- Yellow (53%)
- Blue (89%)



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (87%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22E3D6 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 22E3D6 by changing the saturation by 10% instead.

 22E3D6

 22E3D6

FFFFFF

 00C7BA

 78FFFF

 00AB9F

 99FFFF

 009085

 B9FFFF

 00756C

 D8FFFF

 005C54

 F8FFFF

 00433D

 002D27

 000E13

 000000

■ 22E3D6

■ 22E3D6

■ 0BE3D4

■ 39E3D8

■ 00E3D4

■ 4FE3D9

■ 66E3DB

■ 7DE3DC

■ 94E3DE

■ AAE3DF

■ C1E3E1

■ D8E3E2

■ EEE3E4

Harmonies

Analogous

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



75E0A9



22E3D6



00E1FF

Triad

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



22E3D6



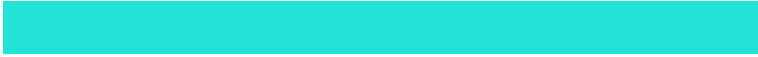
DFBCFF



FFBE7B

Complementary

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



22E3D6



E3222F

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.



FFAF98



22E3D6



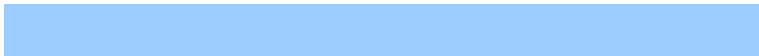
FFAEEE

Square

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



22E3D6



9CCCF



FFA9C2



DDCD73

Rectangle

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



22E3D6



07DCFF



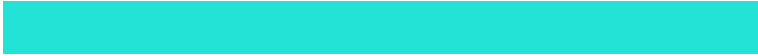
FFA9C2



FFB882

Sweetspot

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



22E3D6



BDFFFB



32E322



58807D



000000



808080

Same Dimension

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



22E3D6



00FFEE



2293E3



677372



00B3A6



003330

Inverse Universe

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



E3222F



FF0011



E37222



736768



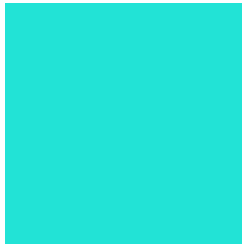
B3000C



330003

Previews

White Background



This preview shows how the Hex color 22E3D6 looks on a white background.

Color Contrast Check

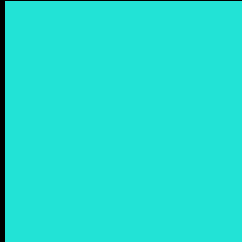
Large Text (above 18pt) WCAG AA × Fail

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 22E3D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

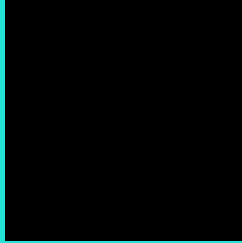
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

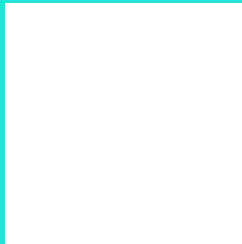
Any Text WCAG AAA ✓ Pass

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

Hex 22E3D6 Background



This preview shows how black text looks on a background with the Hex color 22E3D6.

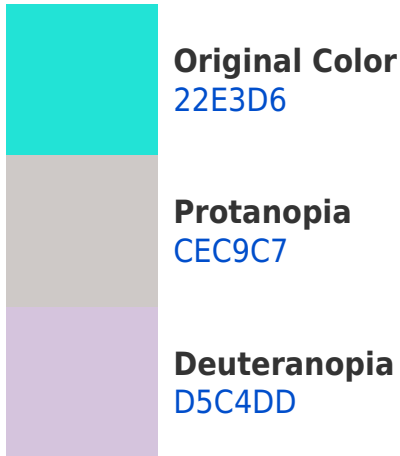


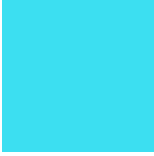
This preview shows how white text looks on a background with the Hex color 22E3D6.

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
3CDFF1

Trichromacy



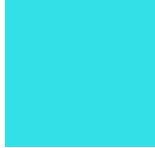
Original Color
22E3D6



Protanomaly
8FD2CC



Deuteranomaly
94CFDA

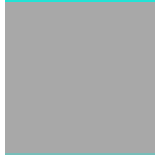


Tritanomaly
33E0E7

Monochromacy



Original Color
22E3D6



Achromatopsia
A8A8A8



Achromatomaly
77BDB9

CSS Examples

Text

The CSS property to change the color of the text to Hex 22E3D6 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 #22E3D6 looks like.

```
.text, #text, p{  
    color:#22E3D6  
}
```

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 #22E3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22E3D6
}
```

Border

The CSS property to change the border of an element to Hex 22E3D6 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
#22E3D6 }
```

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

```
.border{ border-color:#22E3D6 }
```

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

Here you see how a box with a 4 pixel #22E3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22E3D6; -webkit-box-shadow:4px 4px  
4px 4px #22E3D6; box-shadow:4px 4px 4px  
4px #22E3D6 }
```

Background

The CSS property to change the background color of an element to Hex 22E3D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22E3D6 }
```

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

```
.background{ background-color:#22E3D6 }
```

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