

# Converting Colors

Hex(22E2E2)

Have a look what the booklet for  
Hex(22E2E2) contains.

<b>Hex(22E2E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(22E2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22E2E2
RGB	34, 226, 226
RGB Percent	13%, 89%, 89%
CMY	0.8667, 0.1137, 0.1137
CMYK	0.85, 0.00, 0.00, 0.11
HSL	180°, 77%, 51%
HSV	180°, 85%, 89%
XYZ	41.5835, 60.2238, 81.3842
YIQ	168.5920, -114.4320, -40.7040

# Conversions

## Conversions Part 2

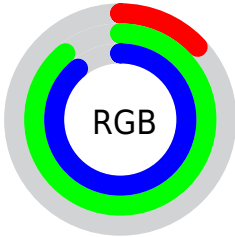
Format	Color
R <sub>YB</sub>	34, 130, 226
Decimal	2286306
CIE Lab	81.96, -42.66, -12.61
CIE LCh	82, 44.489, 196.465
Yxy	60.2238, 0.2270, 0.3287
Android (android.graphics.Color)	4280476386 (0xFF22E2E2)
YUV	168.5920, 28.3021, -118.0372
Hunter-Lab	77.6040, -40.1591, -7.8553

# Details

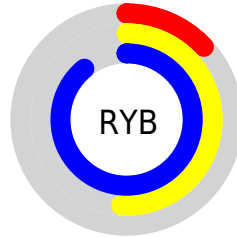
The Hex color **22E2E2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **E22222**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **79FFFF**, and **00AAAB** is the 20% darker color. If you saturate the color by 10%, you get **0BE2E2**, and if you desaturate by 10%, it is **39E2E2**.

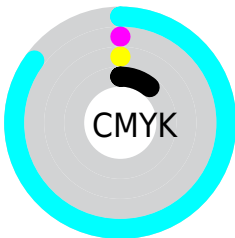
# Distribution



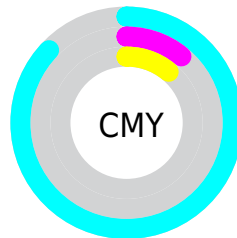
- Red (13%)
- Green (89%)
- Blue (89%)



- Red (13%)
- Yellow (51%)
- Blue (89%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 22E2E2 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 22E2E2 by changing the saturation by 10% instead.



 22E2E2

 22E2E2


FFFFFF

 00C6C6

 79FFFF

 00AAAB

 9AFFFF

 008F90

 BAFFFF

 007577

 DAFFFF

 005B5E

 FAFFFF

 004346

 002C30

 000E1C

 000000

 22E2E2

 22E2E2

 0BE2E2

 39E2E2

 00E2E2

 4FE2E2

 66E2E2

 7CE2E2

 93E2E2

 AAE2E2

 C0E2E2

 D7E2E2

 EDE2E2

# Harmonies

## Analogous

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



6AE1B7



22E2E2



05DEFF

# Triad

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



22E2E2



EDB9FF



F8C37B

# Complementary

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



22E2E2



E22222

# 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.



FFB591



22E2E2



FFADE1

# Square

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



22E2E2



B4C8FF



FFACB6



D0D17A

# Rectangle

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



22E2E2



4FD9FF



FFACB6



FFBE80



# Sweetspot

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



22E2E2



BFFFFFF



22E222



598080



000000



808080



# Same Dimension

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



22E2E2



00FFFF



2282E2



657070



00B0B0



003030



# Inverse Universe

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



E222E2



FF00FF



E28222



706570



B000B0

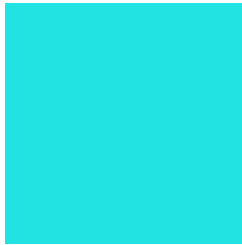


300030



# Previews

## White Background



This preview shows how the Hex color 22E2E2 looks on a white background.

## Color Contrast Check

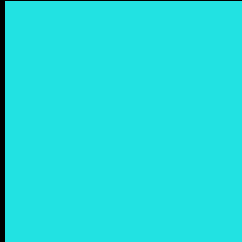
Large Text (above 18pt) WCAG AA × Fail

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 22E2E2 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 22E2E2 Background



This preview shows how black text looks on a background with the Hex color 22E2E2.

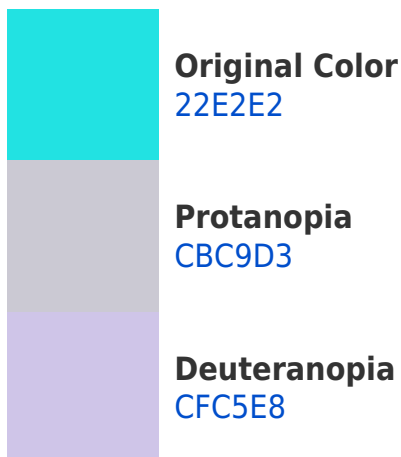


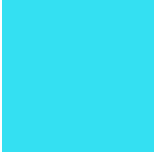
This preview shows how white text looks on a background with the Hex color 22E2E2.

# 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**  
34E0F2

# Trichromacy



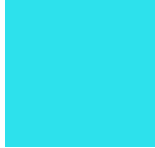
**Original Color**  
22E2E2



**Protanomaly**  
8ED2D8



**Deuteranomaly**  
90D0E6

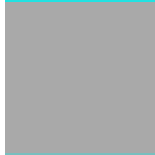


**Tritanomaly**  
2DE1EC

# Monochromacy



**Original Color**  
22E2E2



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
78BEBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22E2E2 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 #22E2E2 looks like.

```
.text, #text, p{  
    color:#22E2E2  
}
```

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 #22E2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22E2E2
}
```

## Border

The CSS property to change the border of an element to Hex 22E2E2 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
#22E2E2 }
```

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

```
.border{ border-color:#22E2E2 }
```

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

Here you see how a box with a 4 pixel #22E2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22E2E2; -webkit-box-shadow:4px 4px  
4px 4px #22E2E2; box-shadow:4px 4px 4px  
4px #22E2E2 }
```

# Background

The CSS property to change the background color of an element to Hex 22E2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22E2E2 }
```

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

```
.background{ background-color:#22E2E2 }
```

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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