

# Converting Colors

Hex(22D4EF)

Have a look what the booklet for  
Hex(22D4EF) contains.

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# **Color**

**Hex(22D4EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22D4EF
RGB	34, 212, 239
RGB Percent	13%, 83%, 94%
CMY	0.8667, 0.1686, 0.0627
CMYK	0.86, 0.11, 0.00, 0.06
HSL	188°, 86%, 54%
HSV	188°, 86%, 94%
XYZ	39.7832, 53.6590, 89.9218
YIQ	161.8560, -114.7550, -29.3390

# Conversions

## Conversions Part 2

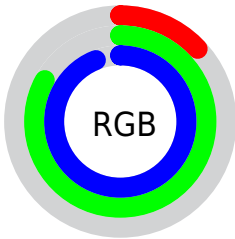
Format	Color
R <sub>Y</sub> B	34, 129, 239
Decimal	2282735
CIE Lab	78.26, -32.29, -25.12
CIE LCh	78, 40.909, 217.884
Yxy	53.6590, 0.2170, 0.2926
Android (android.graphics.Color)	4280472815 (0xFF22D4EF)
YUV	161.8560, 38.0320, -112.1297
Hunter-Lab	73.2523, -31.2487, -21.5055

# Details

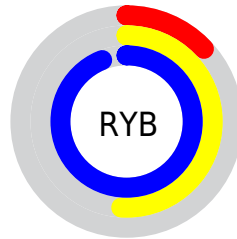
The Hex color **22D4EF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EF3D22**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **78FFFF**, and **009DB7** is the 20% darker color. If you saturate the color by 10%, you get **0AD1EF**, and if you desaturate by 10%, it is **3AD7EF**.

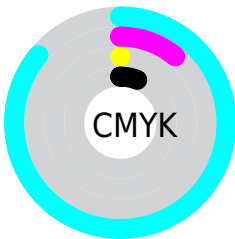
# Distribution



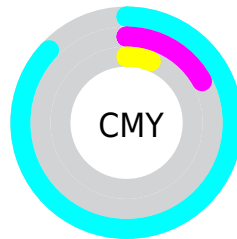
- Red (13%)
- Green (83%)
- Blue (94%)



- Red (13%)
- Yellow (51%)
- Blue (94%)



- Cyan (86%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (87%)
- Magenta (17%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22D4EF 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 22D4EF by changing the saturation by 10% instead.



■ 22D4EF

FFFFFF

■ 78FFFF

■ 9AFFFF

■ BAFFFF

■ DAFFFF

■ F9FFFF

■ 22D4EF

■ 00B8D3

■ 009DB7

■ 00839C

■ 006982

■ 005069

■ 003951

■ 002539

■ 000224

■ 00000C

■ 22D4EF

■ 22D4EF

■ 0AD1EF

■ 3AD7EF

■ 00D0EF

■ 52DAEF

■ 6ADDEF

■ 82E1EF

■ 99E4EF

■ B1E7EF

■ C9EAEF

■ E1EDEF

■ F9F0EF

# Harmonies

## Analogous

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



44D6CB



22D4EF



59CDFE

# Triad

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



22D4EF



FAA8DF



D1C375

# Complementary

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



22D4EF



EF3D22

# 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.



F2B67C



22D4EF



FFA4B9

# Square

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



22D4EF



D3B4FE



FFAA95



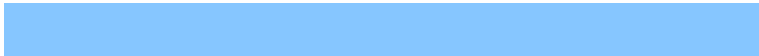
A8CD84

# Rectangle

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



22D4EF



86C6FF



FFAA95



DDBE75



# Sweetspot

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



22D4EF



BDF6FF



22EF3A



587A80



000000



808080

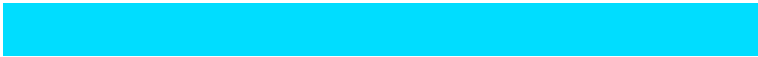


# Same Dimension

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



22D4EF



00DDFF



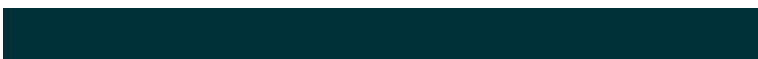
2271EF



6C7678



009FB8



003138



# Inverse Universe

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



EF22D4



FF00DD



EFA022



786C76



B8009F

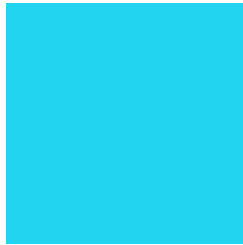


380031



# Previews

## White Background



This preview shows how the Hex color 22D4EF looks on a white background.

## Color Contrast Check

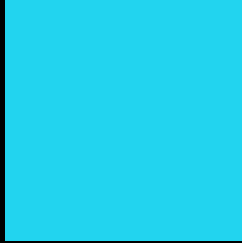
Large Text (above 18pt) WCAG AA × Fail

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 22D4EF 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 22D4EF Background



This preview shows how black text looks on a background with the Hex color 22D4EF.

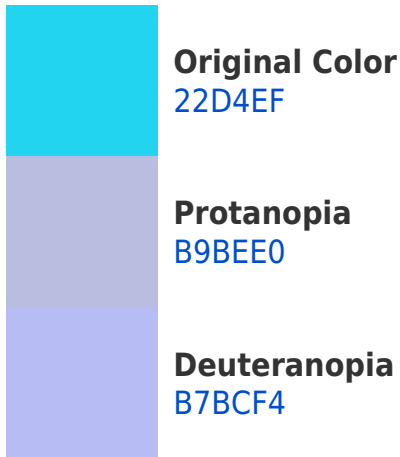


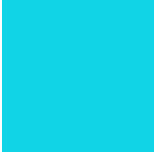
This preview shows how white text looks on a background with the Hex color 22D4EF.

# 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](#).

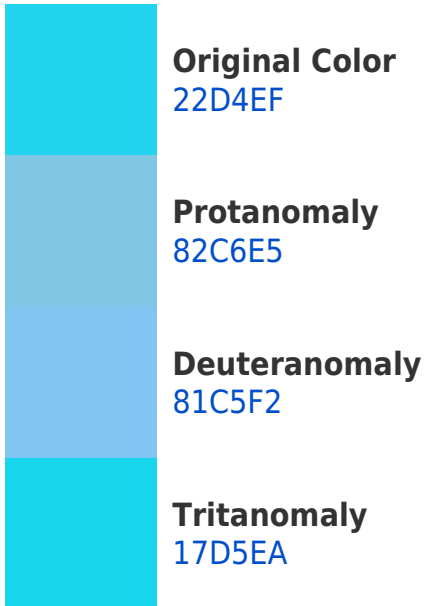
## Dichromacy





**Tritanopia**  
11D5E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22D4EF 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 #22D4EF looks like.

```
.text, #text, p{  
    color:#22D4EF  
}
```

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 #22D4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D4EF
}
```

## Border

The CSS property to change the border of an element to Hex 22D4EF 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
#22D4EF }
```

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

```
.border{ border-color:#22D4EF }
```

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

Here you see how a box with a 4 pixel #22D4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D4EF; -webkit-box-shadow:4px 4px  
4px 4px #22D4EF; box-shadow:4px 4px 4px  
4px #22D4EF }
```

# Background

The CSS property to change the background color of an element to Hex 22D4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D4EF }
```

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

```
.background{ background-color:#22D4EF }
```

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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