

# Converting Colors

Hex(22A9ED)

Have a look what the booklet for  
Hex(22A9ED) contains.

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# **Color**

**Hex(22A9ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22A9ED
RGB	34, 169, 237
RGB Percent	13%, 66%, 93%
CMY	0.8667, 0.3373, 0.0706
CMYK	0.86, 0.29, 0.00, 0.07
HSL	200°, 85%, 53%
HSV	200°, 86%, 93%
XYZ	30.1337, 34.8304, 85.2555
YIQ	136.3870, -102.2880, -7.4720

# Conversions

## Conversions Part 2

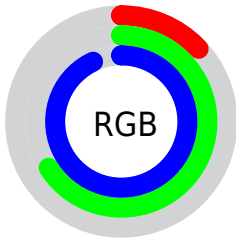
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 115, 237
Decimal	2271725
CIELab	65.62, -10.86, -43.62
CIELCh	66, 44.952, 256.023
Yxy	34.8304, 0.2006, 0.2319
Android (android.graphics.Color)	4280461805 (0xFF22A9ED)
YUV	136.3870, 49.6022, -89.7934
Hunter-Lab	59.0173, -12.1398, -44.3373

# Details

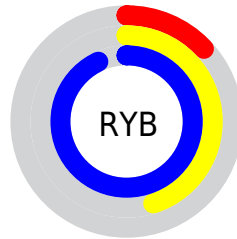
The Hex color **22A9ED** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **ED6622**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **74E0FF**, and **0075B5** is the 20% darker color. If you saturate the color by 10%, you get **0AA1ED**, and if you desaturate by 10%, it is **3AB1ED**.

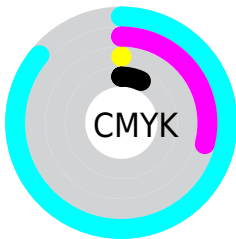
# Distribution



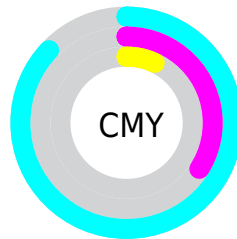
- Red (13%)
- Green (66%)
- Blue (93%)



- Red (13%)
- Yellow (45%)
- Blue (93%)



- Cyan (86%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (34%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22A9ED 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 22A9ED by changing the saturation by 10% instead.



■ 22A9ED

■ 22A9ED

FFFFFF

■ 008FD1

■ 74E0FF

■ 0075B5

■ 95FDFF

■ 005D9A

■ B4FFFF

■ 00457F

■ D4FFFF

■ 002F66

■ F3FFFF

■ 001C4D

■ 000536

■ 000220

■ 000004

■ 22A9ED

■ 22A9ED

■ 0AA1ED

■ 3AB1ED

■ 009EED

■ 51B9ED

■ 69C1ED

■ 81C9ED

■ 98D1ED

■ B0D9ED

■ C8E1ED

■ E0E9ED

■ F7F0ED

# Harmonies

## Analogous

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



00B1D8



22A9ED



859CED

# Triad

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



22A9ED



EC7F8B



75AE66

# Complementary

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



22A9ED



ED6622

# 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.



A3A44F



22A9ED



E28867

# Square

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



22A9ED



E180B4



C89650



36B38B

# Rectangle

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



22A9ED



AE92E1



C89650



85AB5C

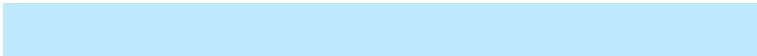


# Sweetspot

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



22A9ED



BDE9FF



22ED66



587280



000000



808080



# Same Dimension

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



22A9ED



00AAFF



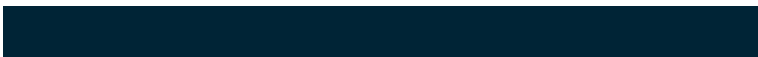
2244ED



6A7175



0078B5



002436



# Inverse Universe

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



ED22A9



FF00AA



EDCB22



756A71



B50078

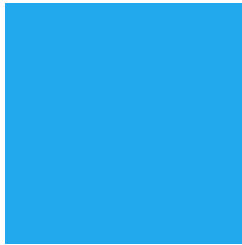


360024



# Previews

## White Background



This preview shows how the Hex color 22A9ED looks on a white background.

## Color Contrast Check

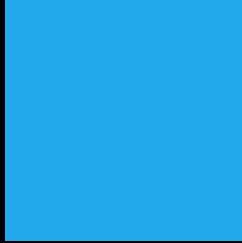
Large Text (above 18pt) WCAG AA × Fail

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 22A9ED 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

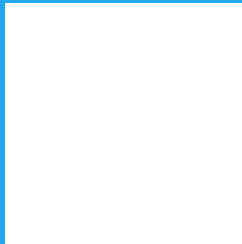
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 22A9ED Background



This preview shows how black text looks on a background with the Hex color 22A9ED.



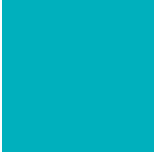
This preview shows how white text looks on a background with the Hex color 22A9ED.

# Color Blindness Simulation

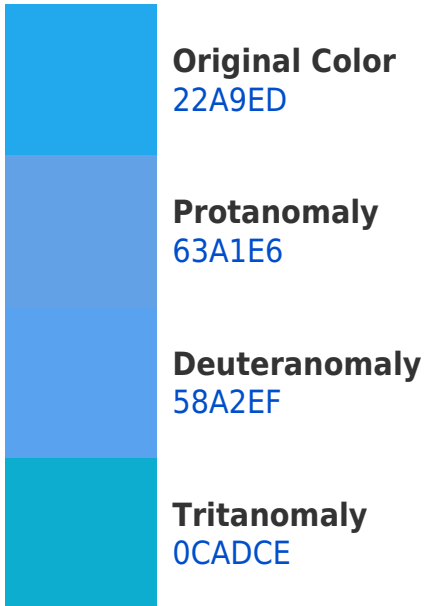
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

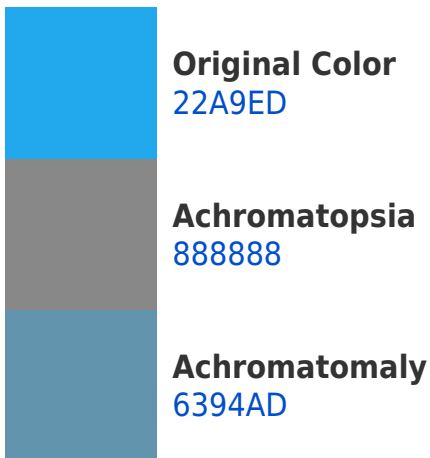




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22A9ED 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 #22A9ED looks like.

```
.text, #text, p{  
    color:#22A9ED  
}
```

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 #22A9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A9ED
}
```

## Border

The CSS property to change the border of an element to Hex 22A9ED 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
#22A9ED }
```

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

```
.border{ border-color:#22A9ED }
```

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

Here you see how a box with a 4 pixel #22A9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A9ED; -webkit-box-shadow:4px 4px  
4px 4px #22A9ED; box-shadow:4px 4px 4px  
4px #22A9ED }
```

# Background

The CSS property to change the background color of an element to Hex 22A9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A9ED }
```

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

```
.background{ background-color:#22A9ED }
```

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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