

Converting Colors

Hex(22A6CA)

Have a look what the booklet for
Hex(22A6CA) contains.

Hex(22A6CA)	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(22A6CA)

Conversions

Conversions Part 1

Format	Color
Hex	22A6CA
RGB	34, 166, 202
RGB Percent	13%, 65%, 79%
CMY	0.8667, 0.3490, 0.2078
CMYK	0.83, 0.18, 0.00, 0.21
HSL	193°, 71%, 46%
HSV	193°, 83%, 79%
XYZ	24.9566, 31.8768, 60.7146
YIQ	130.6360, -90.2280, -16.7880

Conversions

Conversions Part 2

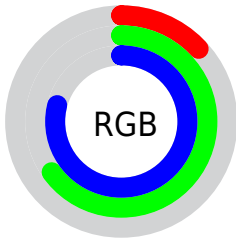
Format	Color
RYB	34, 108, 202
Decimal	2270922
CIELab	63.24, -21.38, -27.99
CIELCh	63, 35.226, 232.628
Yxy	31.8768, 0.2123, 0.2712
Android (android.graphics.Color)	4280461002 (0xFF22A6CA)
YUV	130.6360, 35.1825, -84.7498
Hunter-Lab	56.4595, -19.9026, -24.2367

Details

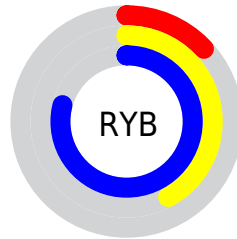
The Hex color **22A6CA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CA4622**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6EDDFF**, and **007294** is the 20% darker color. If you saturate the color by 10%, you get **0EA2CA**, and if you desaturate by 10%, it is **36AACA**.

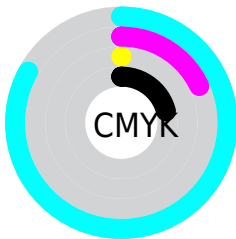
Distribution



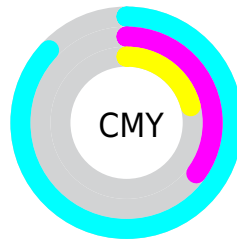
- Red (13%)
- Green (65%)
- Blue (79%)



- Red (13%)
- Yellow (42%)
- Blue (79%)



- Cyan (83%)
- Magenta (18%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22A6CA 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 22A6CA by changing the saturation by 10% instead.

 22A6CA

 22A6CA

FFFFFF

 008CAF

 6EDDFF

 007294

 8DFAFF

 00597A

 ACFFFF

 004261

 CAFFFF

 002B49

 E9FFFF

 001632

 00021D

 000000

 22A6CA

 22A6CA

0EA2CA

36AACA

009FCA

4AAFCA

5FB3CA

73B7CA

87BCCA

9BC0CA

AFC4CA

C4C9CA

D8CDCA

Harmonies

Analogous

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



15AAB0



22A6CA



5E9FD7

Triad

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



22A6CA



D081A2



969F5E

Complementary

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



22A6CA



CA4622

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.



B5955B



22A6CA



D68283

Square

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



22A6CA



B989BF



CC8A68



71A672

Rectangle

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



22A6CA



8198D6



CC8A68



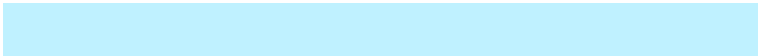
A19B5B

Sweetspot

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



22A6CA



BFF1FF



22CA44



597780



000000



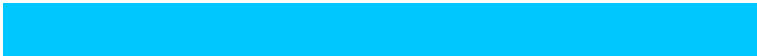
808080

Same Dimension

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



22A6CA



00C8FF



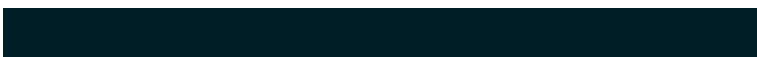
2254CA



5C6466



0082A6



001E26

Inverse Universe

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



CA22A6



FF00C8



CA9822



665C64



A60082



26001E

Previews

White Background



This preview shows how the Hex color 22A6CA 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 22A6CA 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 22A6CA Background



This preview shows how black text looks on a background with the Hex color 22A6CA.

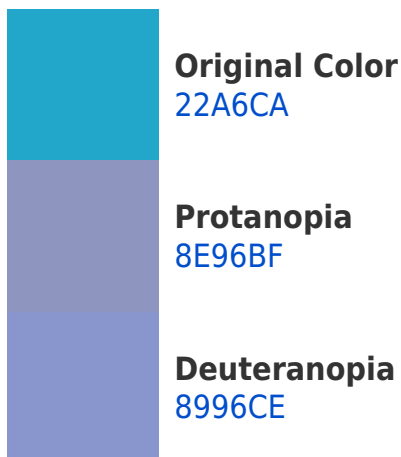


This preview shows how white text looks on a background with the Hex color 22A6CA.

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](#).

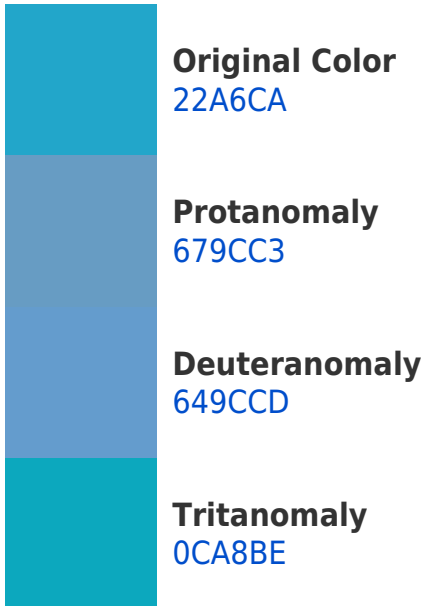
Dichromacy





Tritanopia
00A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22A6CA 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 #22A6CA looks like.

```
.text, #text, p{  
    color:#22A6CA  
}
```

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 #22A6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22A6CA
}
```

Border

The CSS property to change the border of an element to Hex 22A6CA 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
#22A6CA }
```

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

```
.border{ border-color:#22A6CA }
```

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

Here you see how a box with a 4 pixel #22A6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22A6CA; -webkit-box-shadow:4px 4px  
4px 4px #22A6CA; box-shadow:4px 4px 4px  
4px #22A6CA }
```

Background

The CSS property to change the background color of an element to Hex 22A6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22A6CA }
```

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

```
.background{ background-color:#22A6CA }
```

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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