

Converting Colors

Hex(22BCF0)

Have a look what the booklet for
Hex(22BCF0) contains.

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Color

Hex(22BCF0)

Conversions

Conversions Part 1

Format	Color
Hex	22BCF0
RGB	34, 188, 240
RGB Percent	13%, 74%, 94%
CMY	0.8667, 0.2627, 0.0588
CMYK	0.86, 0.22, 0.00, 0.06
HSL	195°, 87%, 54%
HSV	195°, 86%, 94%
XYZ	34.3711, 42.5978, 88.8487
YIQ	147.8820, -108.4760, -16.4760

Conversions

Conversions Part 2

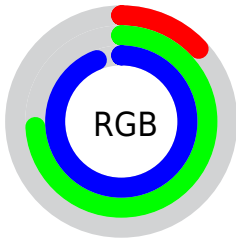
Format	Color
RYB	34, 122, 240
Decimal	2276592
CIELab	71.28, -19.99, -36.41
CIELCh	71, 41.535, 241.232
Yxy	42.5978, 0.2073, 0.2569
Android (android.graphics.Color)	4280466672 (0xFF22BCF0)
YUV	147.8820, 45.4142, -99.8745
Hunter-Lab	65.2670, -20.2150, -35.0253

Details

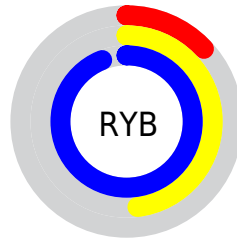
The Hex color **22BCF0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F05622**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **76F4FF**, and **0087B8** is the 20% darker color. If you saturate the color by 10%, you get **0AB6F0**, and if you desaturate by 10%, it is **3AC2F0**.

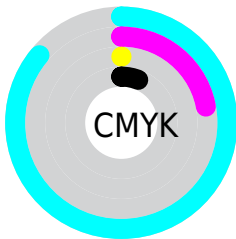
Distribution



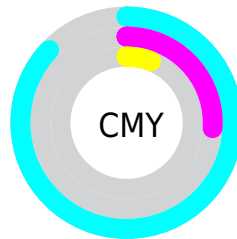
- Red (13%)
- Green (74%)
- Blue (94%)



- Red (13%)
- Yellow (48%)
- Blue (94%)



- Cyan (86%)
- Magenta (22%)
- Yellow (0%)
- Black (6%)



- Cyan (87%)
- Magenta (26%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22BCF0 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 22BCF0 by changing the saturation by 10% instead.

 22BCF0

 22BCF0

FFFFFF

 00A1D4

 76F4FF

 0087B8

 97FFFF

 006D9D

 B7FFFF

 005582

 D6FFFF

 003E69

 F6FFFF

 002851

 000E39

 000223

 00000A

■ 22BCF0

■ 22BCF0

■ 0AB6F0

■ 3AC2F0

■ 00B3F0

■ 52C8F0

■ 6ACEF0

■ 82D4F0

■ 9ADAF0

■ B2E0F0

■ CAE6F0

■ E2ECF0

■ FAF3F0

Harmonies

Analogous

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



00C2D5



22BCF0



78B2FA

Triad

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



22BCF0



F590AE



9EB86C

Complementary

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



22BCF0



F05622

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.



C5AD62



22BCF0



F69489

Square

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



22BCF0



DF97D4



E4A06D



70BF89

Rectangle

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



22BCF0



A2A9F5



E4A06D



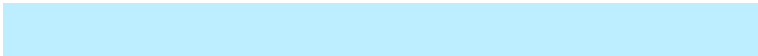
ACB566

Sweetspot

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



22BCF0



BDEEFF



22F055



587680



000000



808080

Same Dimension

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



22BCF0



00BFFF



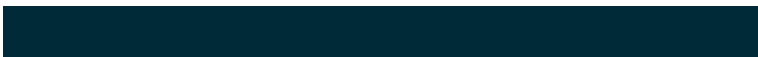
2255F0



6C7578



0089B8



002A38

Inverse Universe

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



F022BC



FF00BF



F0BC22



786C75



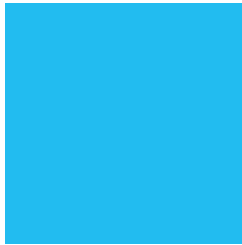
B80089



38002A

Previews

White Background



This preview shows how the Hex color 22BCF0 looks on a white background.

Color Contrast Check

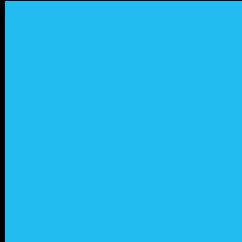
Large Text (above 18pt) WCAG AA × Fail

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 22BCF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

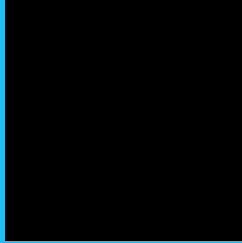
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

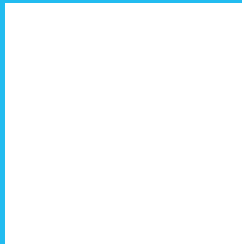
Any Text WCAG AAA ✓ Pass

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

Hex 22BCF0 Background



This preview shows how black text looks on a background with the Hex color 22BCF0.



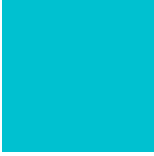
This preview shows how white text looks on a background with the Hex color 22BCF0.

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](#).

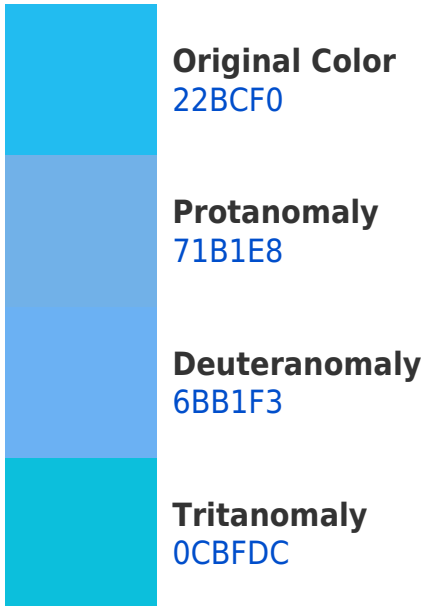
Dichromacy





Tritanopia
00C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 22BCF0 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 #22BCF0 looks like.

```
.text, #text, p{  
    color:#22BCF0  
}
```

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 #22BCF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22BCF0
}
```

Border

The CSS property to change the border of an element to Hex 22BCF0 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
#22BCF0 }
```

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

```
.border{ border-color:#22BCF0 }
```

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

Here you see how a box with a 4 pixel #22BCF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22BCF0; -webkit-box-shadow:4px 4px  
4px 4px #22BCF0; box-shadow:4px 4px 4px  
4px #22BCF0 }
```

Background

The CSS property to change the background color of an element to Hex 22BCF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22BCF0 }
```

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

```
.background{ background-color:#22BCF0 }
```

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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