

# Converting Colors

Hex(22D6F5)

Have a look what the booklet for  
Hex(22D6F5) contains.

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# **Color**

**Hex(22D6F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22D6F5
RGB	34, 214, 245
RGB Percent	13%, 84%, 96%
CMY	0.8667, 0.1608, 0.0392
CMYK	0.86, 0.13, 0.00, 0.04
HSL	189°, 91%, 55%
HSV	189°, 86%, 96%
XYZ	41.1877, 55.0258, 94.8364
YIQ	163.7140, -117.2310, -28.5190

# Conversions

## Conversions Part 2

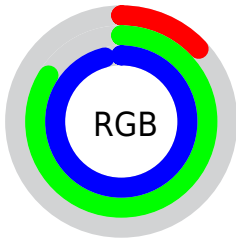
Format	Color
R <sub>Y</sub> B	34, 131, 245
Decimal	2283253
CIE Lab	79.06, -31.36, -27.11
CIE LCh	79, 41.453, 220.845
Yxy	55.0258, 0.2156, 0.2880
Android (android.graphics.Color)	4280473333 (0xFF22D6F5)
YUV	163.7140, 40.0740, -113.7592
Hunter-Lab	74.1794, -30.7028, -23.8752

# Details

The Hex color **22D6F5** 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 **F54122**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **79FFFF**, and **009FBD** is the 20% darker color. If you saturate the color by 10%, you get **0AD2F5**, and if you desaturate by 10%, it is **3BDAF5**.

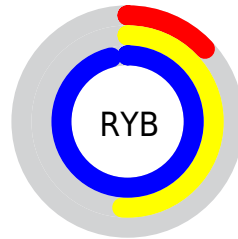
# Distribution



Red (13%)

Green (84%)

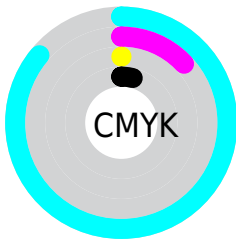
Blue (96%)



Red (13%)

Yellow (51%)

Blue (96%)

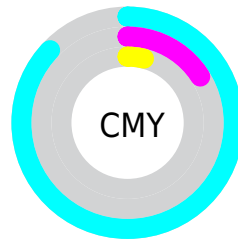


Cyan (86%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (87%)

Magenta (16%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 22D6F5 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 22D6F5 by changing the saturation by 10% instead.



22D6F5

22D6F5

FFFFFF

00BAD8

79FFFF

009FBD

9BFFFF

0084A2

BBFFFF

006B87

DBFFFF

00526E

FBFFFF

003A55

00263E

000328

000112

■ 22D6F5

■ 22D6F5

■ 0AD2F5

■ 3BDAF5

■ 00D1F5

■ 53DDF5

■ 6CE1F5

■ 84E4F5

■ 9DE8F5

■ B5ECF5

■ CEEFF5

■ E6F3F5

■ FFF6F5

# Harmonies

## Analogous

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



3ED9D1



22D6F5



60CFFF

# Triad

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



22D6F5



FFA9DE



CFC677

# Complementary

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



22D6F5



F54122

# 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.



F2B97B



22D6F5



FFA6B7

# Square

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



22D6F5



DAB5FE



FFAC93



A5D088

# Rectangle

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



22D6F5



8EC7FF



FFAC93



DCC276



# Sweetspot

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



22D6F5



BDF5FF



22F53E



587A80



000000



808080

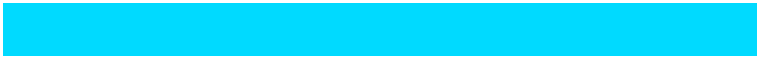


# Same Dimension

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



22D6F5



00DAFF



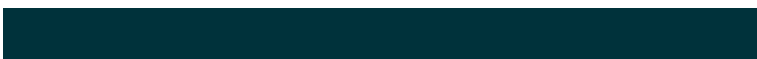
226FF5



6E797A



009FBA



00323B



# Inverse Universe

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



F522D6



FF00DA



F5A822



7A6E79



BA009F

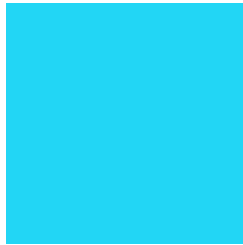


3B0032



# Previews

## White Background



This preview shows how the Hex color 22D6F5 looks on a white background.

## Color Contrast Check

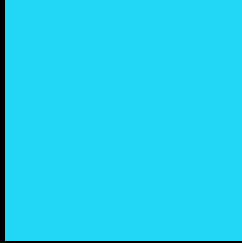
Large Text (above 18pt) WCAG AA × Fail

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 22D6F5 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 22D6F5 Background



This preview shows how black text looks on a background with the Hex color 22D6F5.

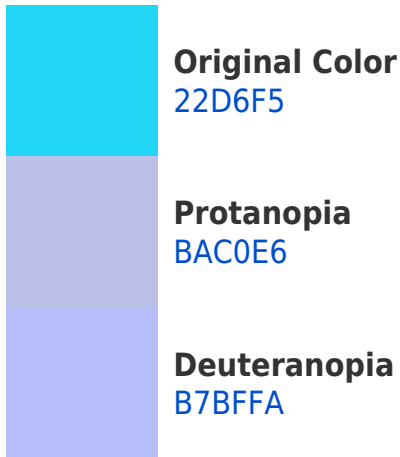


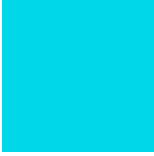
This preview shows how white text looks on a background with the Hex color 22D6F5.

# 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



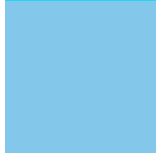


**Tritanopia**  
00D8E9

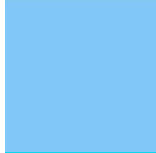
# Trichromacy



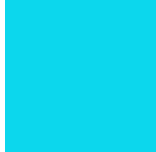
**Original Color**  
22D6F5



**Protanomaly**  
83C8EB



**Deuteranomaly**  
81C7F8

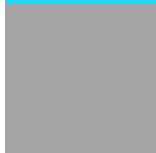


**Tritanomaly**  
0CD7ED

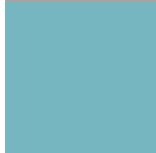
# Monochromacy



**Original Color**  
22D6F5



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
75B6C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 22D6F5 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 #22D6F5 looks like.

```
.text, #text, p{  
  color:#22D6F5  
}
```

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 #22D6F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22D6F5
}
```

## Border

The CSS property to change the border of an element to Hex 22D6F5 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
#22D6F5 }
```

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

```
.border{ border-color:#22D6F5 }
```

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

Here you see how a box with a 4 pixel #22D6F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22D6F5; -webkit-box-shadow:4px 4px  
4px 4px #22D6F5; box-shadow:4px 4px 4px  
4px #22D6F5 }
```

# Background

The CSS property to change the background color of an element to Hex 22D6F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22D6F5 }
```

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

```
.background{ background-color:#22D6F5 }
```

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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