

# Converting Colors

Hex(24B3D2)

Have a look what the booklet for  
Hex(24B3D2) contains.

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# **Color**

**Hex(24B3D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24B3D2
RGB	36, 179, 210
RGB Percent	14%, 70%, 82%
CMY	0.8588, 0.2980, 0.1765
CMYK	0.83, 0.15, 0.00, 0.18
HSL	191°, 71%, 48%
HSV	191°, 83%, 82%
XYZ	28.4805, 37.2684, 66.6652
YIQ	139.7770, -95.1790, -20.6750

# Conversions

## Conversions Part 2

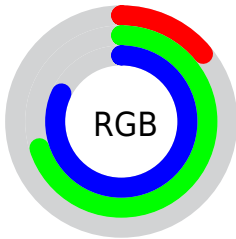
Format	Color
<a href="#">RYB</a>	<a href="#">36, 114, 210</a>
Decimal	<a href="#">2405330</a>
CIELab	<a href="#">67.48, -25.23, -25.90</a>
CIELCh	<a href="#">67, 36.161, 225.747</a>
Yxy	<a href="#">37.2684, 0.2151, 0.2815</a>
Android (android.graphics.Color)	<a href="#">4280595410 (0xFF24B3D2)</a>
YUV	<a href="#">139.7770, 34.6199, -91.0124</a>
Hunter-Lab	<a href="#">61.0479, -23.5586, -22.0121</a>

# Details

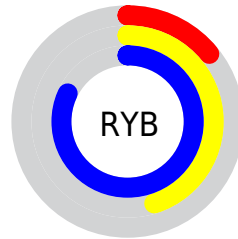
The Hex color **24B3D2** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D24324**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **71EBFF**, and **007E9B** is the 20% darker color. If you saturate the color by 10%, you get **0FAFD2**, and if you desaturate by 10%, it is **39B7D2**.

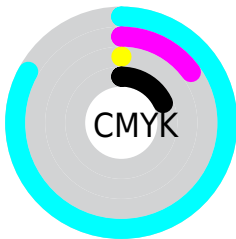
# Distribution



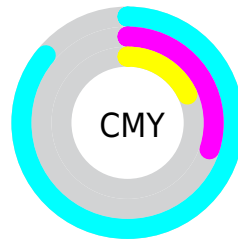
- Red (14%)
- Green (70%)
- Blue (82%)



- Red (14%)
- Yellow (45%)
- Blue (82%)



- Cyan (83%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (86%)
- Magenta (30%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24B3D2 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 24B3D2 by changing the saturation by 10% instead.



 24B3D2

 24B3D2

FFFFFF

 0098B6

 71EBFF

 007E9B

 91FFFF

 006581

 B0FFFF

 004C68

 CFFFFFF

 003550

 EDFFFF

 002139

 000223

 00000A

 000000

■ 24B3D2

■ 24B3D2

■ 0FAFD2

■ 39B7D2

■ 00ADD2

■ 4EBAD2

■ 63BED2

■ 78C2D2

■ 8DC6D2

■ A2C9D2

■ B7CDD2

■ CCD1D2

■ E1D5D2

# Harmonies

## Analogous

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



2DB6B5



24B3D2



5AACE3

# Triad

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



24B3D2



DA8DB5



A9A865

# Complementary

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



24B3D2



D24324

# 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.



C89D65



24B3D2



E48B94

# Square

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



24B3D2



BE96D2



DD9277



84B076

# Rectangle

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



24B3D2



80A5E5



DD9277



B4A463

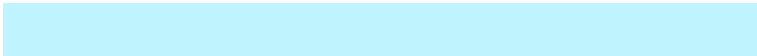


# Sweetspot

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



24B3D2



BFF4FF



24D241



597980



000000



808080

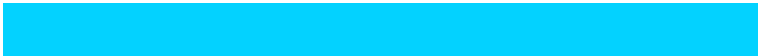


# Same Dimension

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



24B3D2



03D2FF



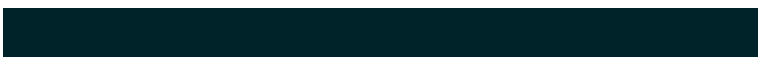
245ED2



5E6769



008AA8



002229



# Inverse Universe

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



D224B3



FF03D2



D29824



695E67



A8008A



290022



# Previews

## White Background



This preview shows how the Hex color 24B3D2 looks on a white background.

## Color Contrast Check

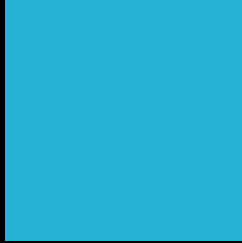
Large Text (above 18pt) WCAG AA × Fail

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 24B3D2 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 24B3D2 Background



This preview shows how black text looks on a background with the Hex color 24B3D2.

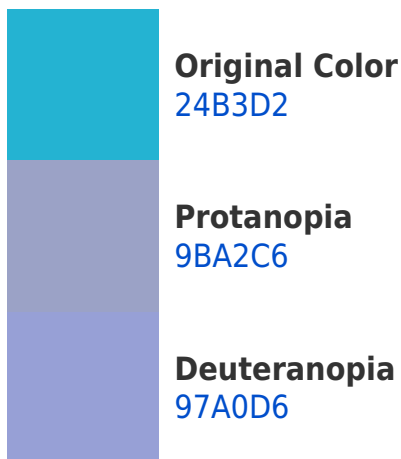


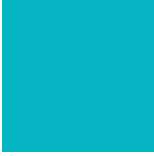
This preview shows how white text looks on a background with the Hex color 24B3D2.

# 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**  
05B5C4

# Trichromacy



**Original Color**  
24B3D2



**Protanomaly**  
70A8CA



**Deuteranomaly**  
6DA7D5



**Tritanomaly**  
10B4C9

# Monochromacy



**Original Color**  
24B3D2



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
669AA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24B3D2 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 #24B3D2 looks like.

```
.text, #text, p{  
    color:#24B3D2  
}
```

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 #24B3D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B3D2
}
```

## Border

The CSS property to change the border of an element to Hex 24B3D2 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
#24B3D2 }
```

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

```
.border{ border-color:#24B3D2 }
```

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

Here you see how a box with a 4 pixel #24B3D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B3D2; -webkit-box-shadow:4px 4px  
4px 4px #24B3D2; box-shadow:4px 4px 4px  
4px #24B3D2 }
```

# Background

The CSS property to change the background color of an element to Hex 24B3D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B3D2 }
```

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

```
.background{ background-color:#24B3D2 }
```

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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