

# Converting Colors

Hex(24C3D5)

Have a look what the booklet for  
Hex(24C3D5) contains.

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# **Color**

**Hex(24C3D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C3D5
RGB	36, 195, 213
RGB Percent	14%, 76%, 84%
CMY	0.8588, 0.2353, 0.1647
CMYK	0.83, 0.08, 0.00, 0.16
HSL	186°, 71%, 49%
HSV	186°, 83%, 84%
XYZ	32.2529, 44.2094, 69.7841
YIQ	149.5110, -100.5420, -28.1100

# Conversions

## Conversions Part 2

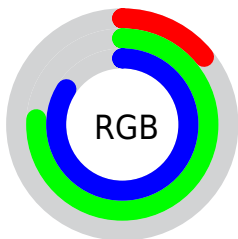
Format	Color
R <sub>YB</sub>	36, 120, 213
Decimal	2409429
CIE Lab	72.37, -32.15, -20.08
CIE LCh	72, 37.903, 211.986
Yxy	44.2094, 0.2205, 0.3023
Android (android.graphics.Color)	4280599509 (0xFF24C3D5)
YUV	149.5110, 31.3001, -99.5491
Hunter-Lab	66.4901, -29.7713, -15.6842

# Details

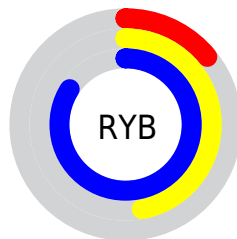
The Hex color **24C3D5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D53624**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **74FCFF**, and **008D9E** is the 20% darker color. If you saturate the color by 10%, you get **0FC1D5**, and if you desaturate by 10%, it is **39C5D5**.

# Distribution



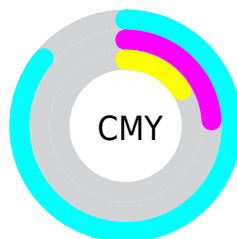
- Red (14%)
- Green (76%)
- Blue (84%)



- Red (14%)
- Yellow (47%)
- Blue (84%)



- Cyan (83%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (86%)
- Magenta (24%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24C3D5 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 24C3D5 by changing the saturation by 10% instead.



 24C3D5

 24C3D5

FFFFFF

 00A8B9

 74FCFF

 008D9E

 94FFFF

 007384

 B3FFFF

 005A6B

 D2FFFF

 004253

 F1FFFF

 002B3C

 001126

 000110

 000000

■ 24C3D5

■ 24C3D5

■ 0FC1D5

■ 39C5D5

■ 00BFD5

■ 4FC7D5

■ 64C9D5

■ 79CCD5

■ 8FCED5

■ A4D0D5

■ B9D2D5

■ CED4D5

■ E4D6D5

# Harmonies

## Analogous

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



4AC4B3



24C3D5



48BEEE

# Triad

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



24C3D5



DF9CD3



C6B06C

# Complementary

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



24C3D5



D53624

# 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.



E3A475



24C3D5



F397B0

# Square

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



24C3D5



B9A8EC



F39A8F



A2BA76

# Rectangle

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



24C3D5



70B8F5



F39A8F



D1AC6D

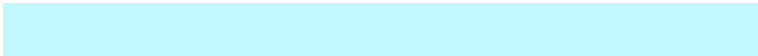


# Sweetspot

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



24C3D5



BFF9FF



24D536



597C80



000000



808080



# Same Dimension

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



24C3D5



00E5FF



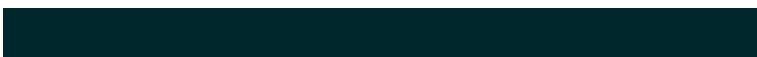
246BD5



606A6B



0099AB



00272B



# Inverse Universe

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



D524C3



FF00E5



D58E24



6B606A



AB0099

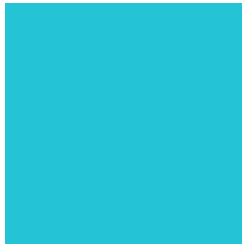


2B0027



# Previews

## White Background



This preview shows how the Hex color 24C3D5 looks on a white background.

## Color Contrast Check

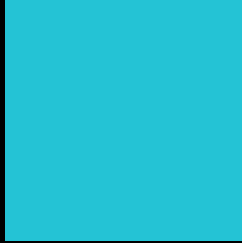
Large Text (above 18pt) WCAG AA × Fail

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 24C3D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

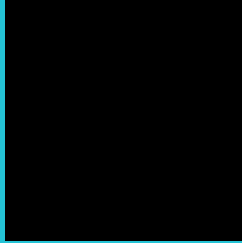
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24C3D5 Background



This preview shows how black text looks on a background with the Hex color 24C3D5.

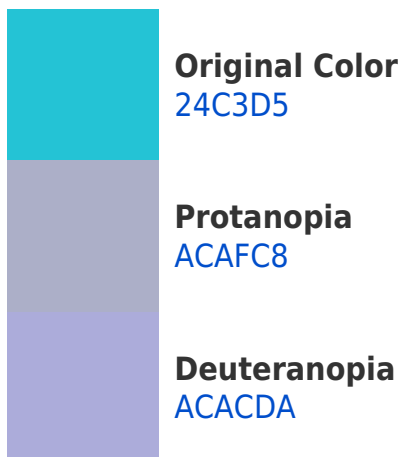


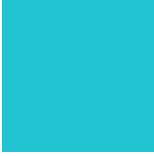
This preview shows how white text looks on a background with the Hex color 24C3D5.

# 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](#).

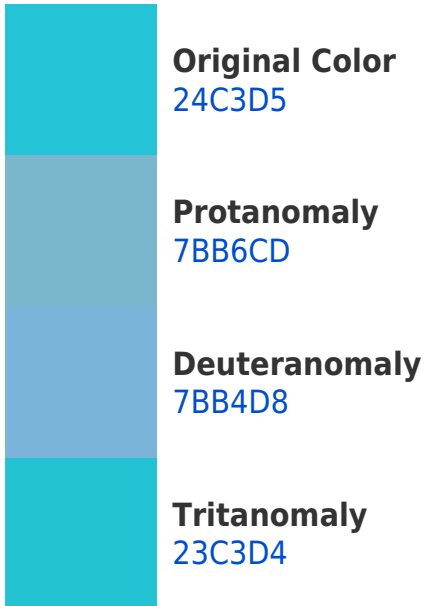
## Dichromacy



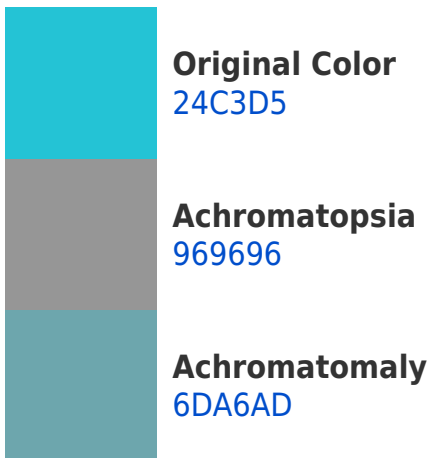


**Tritanopia**  
22C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24C3D5 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 #24C3D5 looks like.

```
.text, #text, p{  
    color:#24C3D5  
}
```

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 #24C3D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C3D5
}
```

## Border

The CSS property to change the border of an element to Hex 24C3D5 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
#24C3D5 }
```

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

```
.border{ border-color:#24C3D5 }
```

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

Here you see how a box with a 4 pixel #24C3D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C3D5; -webkit-box-shadow:4px 4px  
4px 4px #24C3D5; box-shadow:4px 4px 4px  
4px #24C3D5 }
```

# Background

The CSS property to change the background color of an element to Hex 24C3D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C3D5 }
```

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

```
.background{ background-color:#24C3D5 }
```

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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