

# Converting Colors

Hex(24CFC5)

Have a look what the booklet for  
Hex(24CFC5) contains.

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# Color

Hex(24CFC5)

# Conversions

## Conversions Part 1

Format	Color
Hex	24CFC5
RGB	36, 207, 197
RGB Percent	14%, 81%, 77%
CMY	0.8588, 0.1882, 0.2275
CMYK	0.83, 0.00, 0.05, 0.19
HSL	176°, 70%, 48%
HSV	176°, 83%, 81%
XYZ	33.1184, 49.0319, 60.5419
YIQ	154.7310, -98.7060, -39.3620

# Conversions

## Conversions Part 2

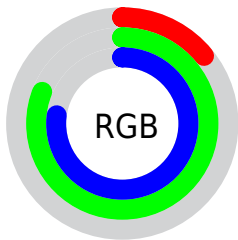
Format	Color
<b>RYB</b>	36, 124, 207
Decimal	2412485
CIELab	75.47, -42.43, -6.75
CIELCh	75, 42.965, 189.041
Yxy	49.0319, 0.2321, 0.3436
Android (android.graphics.Color)	4280602565 (0xFF24CFC5)
YUV	154.7310, 20.8386, -104.1271
Hunter-Lab	70.0228, -38.1154, -2.2463

# Details

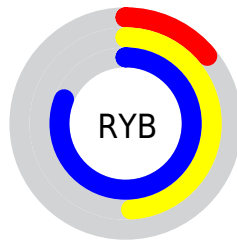
The Hex color **24CFC5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CF242E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **73FFFE**, and **00988F** is the 20% darker color. If you saturate the color by 10%, you get **0FCFC4**, and if you desaturate by 10%, it is **39CFC6**.

# Distribution



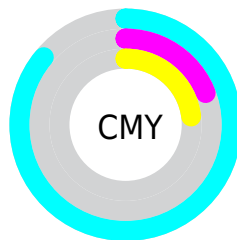
- Red (14%)
- Green (81%)
- Blue (77%)



- Red (14%)
- Yellow (49%)
- Blue (81%)



- Cyan (83%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (86%)
- Magenta (19%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24CFC5 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 24CFC5 by changing the saturation by 10% instead.



 24CFC5

 24CFC5

FFFFFF

 00B3AA

 73FFFE

 00988F

 94FFFF

 007D76

 B3FFFF

 00645D

 D2FFFF

 004B46

 F1FFFF

 00332F

 001C1B

 000000

 24CFC5

 24CFC5

0FCFC4

39CFC6

00CFC3

4DCFC7

62CFC9

77CFCA

8BCFCB

A0CFCC

B5CFCD

CACFCF

DECFD0

# Harmonies

## Analogous

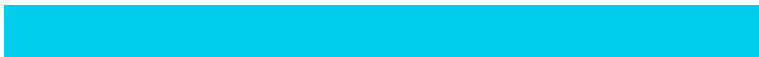
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6ACD9C



24CFC5



00CDEB

# Triad

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



24CFC5



CEABF8



EBAE70

# Complementary

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



24CFC5



CF242E

# 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.



FFA18A



24CFC5



F59FD7

# Square

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



24CFC5



93BAFF



FF9BAF



C8BB6A

# Rectangle

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



24CFC5



23C9FD



FF9BAF



F4A977

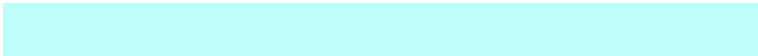


# Sweetspot

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



24CFC5



BFFFFB



2FCF24



59807D



000000



808080



# Same Dimension

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



24CFC5



03FFF0



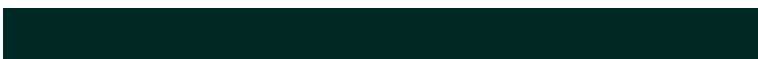
2485CF



5E6968



00A89E



002926



# Inverse Universe

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



CF242E



FF0311



CF6E24



695E5F



A8000A

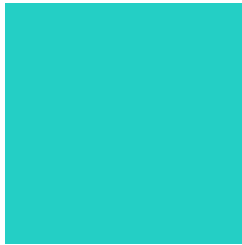


290002



# Previews

## White Background



This preview shows how the Hex color 24CFC5 looks on a white background.

## Color Contrast Check

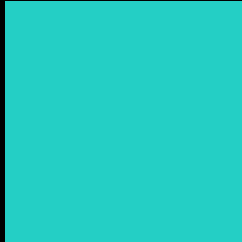
Large Text (above 18pt) WCAG AA × Fail

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 24CFC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

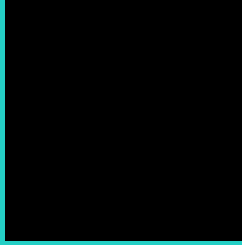
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

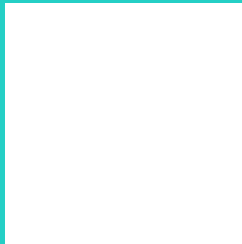
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24CFC5 Background



This preview shows how black text looks on a background with the Hex color 24CFC5.



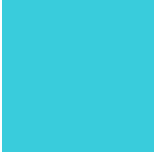
This preview shows how white text looks on a background with the Hex color 24CFC5.

# 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





# Trichromacy



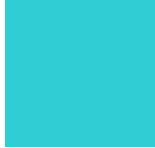
**Original Color**  
24CFC5



**Protanomaly**  
85C0BC



**Deuteranomaly**  
89BDC9



**Tritanomaly**  
31CDD4

# Monochromacy



**Original Color**  
24CFC5



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
70AEAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24CFC5 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 #24CFC5 looks like.

```
.text, #text, p{  
    color:#24CFC5  
}
```

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 #24CFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24CFC5
}
```

## Border

The CSS property to change the border of an element to Hex 24CFC5 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
#24CFC5 }
```

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

```
.border{ border-color:#24CFC5 }
```

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

Here you see how a box with a 4 pixel #24CFC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24CFC5; -webkit-box-shadow:4px 4px  
4px 4px #24CFC5; box-shadow:4px 4px 4px  
4px #24CFC5 }
```

# Background

The CSS property to change the background color of an element to Hex 24CFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24CFC5 }
```

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

```
.background{ background-color:#24CFC5 }
```

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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