

Converting Colors

Hex(3DCAD5)

Have a look what the booklet for
Hex(3DCAD5) contains.

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Color

Hex(3DCAD5)

Conversions

Conversions Part 1

Format	Color
Hex	3DCAD5
RGB	61, 202, 213
RGB Percent	24%, 79%, 84%
CMY	0.7608, 0.2078, 0.1647
CMYK	0.71, 0.05, 0.00, 0.16
HSL	184°, 64%, 54%
HSV	184°, 71%, 84%
XYZ	35.0552, 48.0373, 70.3753
YIQ	161.0950, -87.5670, -26.4710

Conversions

Conversions Part 2

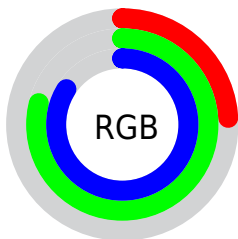
Format	Color
RYB	61, 134, 213
Decimal	4049621
CIELab	74.85, -33.02, -16.29
CIELCh	75, 36.816, 206.256
Yxy	48.0373, 0.2284, 0.3130
Android (android.graphics.Color)	4282239701 (0xFF3DCAD5)
YUV	161.0950, 25.5892, -87.7833
Hunter-Lab	69.3089, -31.0084, -11.6860




Details

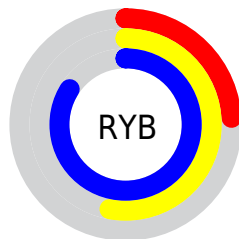
The Hex color **3DCAD5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D5483D**, and the grayscale version is **A1A1A1**.




A 20% lighter version of the original color is **81FFFF**, and **00939E** is the 20% darker color. If you saturate the color by 10%, you get **28C8D5**, and if you desaturate by 10%, it is **52CCD5**.

Distribution







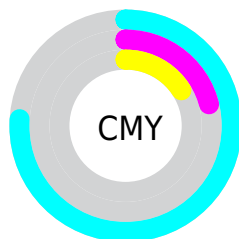
-  Red (24%)
-  Green (79%)
-  Blue (84%)






-  Red (24%)
-  Yellow (53%)
-  Blue (84%)



-  Cyan (71%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (16%)



-  Cyan (76%)
-  Magenta (21%)
-  Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DCAD5 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 3DCAD5 by changing the saturation by 10% instead.

 3DCAD5

 3DCAD5

FFFFFF

 00AEB9

 81FFFF

 00939E

 A1FFFF

 007984

 BFFFFF

 00606B

 DEFFFF

 004853

 FDFFFF

 00303C

 001B26

 000111

 000000

 3DCAD5

 3DCAD5

 28C8D5

 52CCD5

 12C7D5

 68CDD5

 00C6D5

 7DCFD5

 92D0D5

 A8D2D5

 BDD3D5

 D2D5D5

 E7D6D5

 FDD8D5

Harmonies

Analogous

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



5FCAB3



3DCAD5



4EC6F0

Triad

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



3DCAD5



DFA5DE



D3B574

Complementary

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



3DCAD5



D5483D

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.



EDA981



3DCAD5



F69FBE

Square

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



3DCAD5



B6B1F5



FAA09C



B0BF7A

Rectangle

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



3DCAD5



70C0F9



FAA09C



DDB177

Sweetspot

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



3DCAD5



C9FBFF



3DD547



607D80



000000



808080

Same Dimension

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



3DCAD5



24EFFF



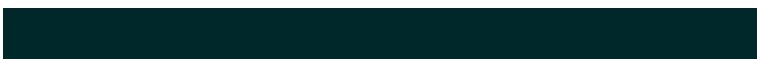
3D7FD5



606A6B



009EAB



00282B

Inverse Universe

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



D53DCA



FF24EF



D5933D



6B606A



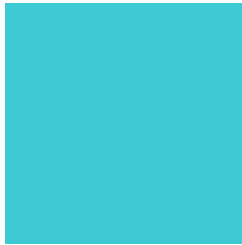
AB009E



2B0028

Previews

White Background



This preview shows how the Hex color 3DCAD5 looks on a white background.

Color Contrast Check

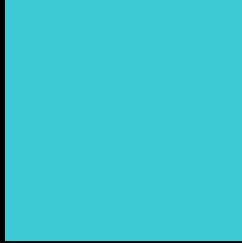
Large Text (above 18pt) WCAG AA × Fail

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 3DCAD5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

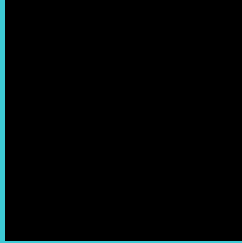
Any Text WCAG AA ✓ Pass

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 3DCAD5 Background



This preview shows how black text looks on a background with the Hex color 3DCAD5.

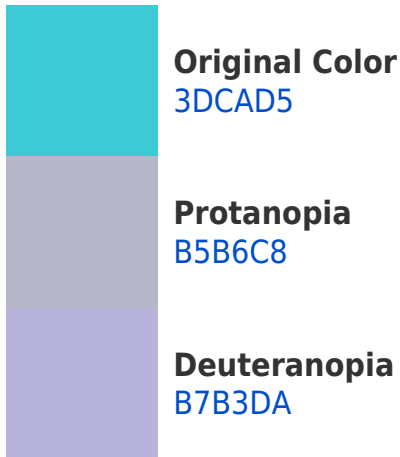


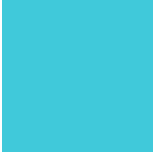
This preview shows how white text looks on a background with the Hex color 3DCAD5.

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](#).

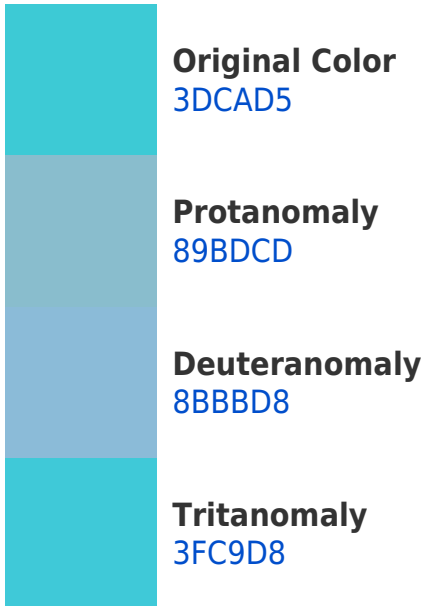
Dichromacy



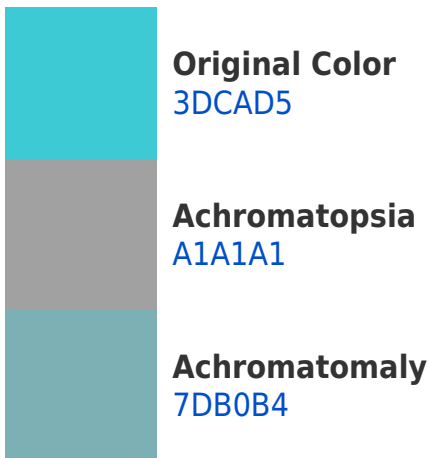


Tritanopia
40C9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3DCAD5 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 #3DCAD5 looks like.

```
.text, #text, p{  
    color:#3DCAD5  
}
```

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 #3DCAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCAD5
}
```

Border

The CSS property to change the border of an element to Hex 3DCAD5 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
#3DCAD5 }
```

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

```
.border{ border-color:#3DCAD5 }
```

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

Here you see how a box with a 4 pixel #3DCAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCAD5; -webkit-box-shadow:4px 4px  
4px 4px #3DCAD5; box-shadow:4px 4px 4px  
4px #3DCAD5 }
```

Background

The CSS property to change the background color of an element to Hex 3DCAD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCAD5 }
```

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

```
.background{ background-color:#3DCAD5 }
```

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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