

Converting Colors

Hex(52D3DA)

Have a look what the booklet for
Hex(52D3DA) contains.

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Color

Hex(52D3DA)

Conversions

Conversions Part 1

Format	Color
Hex	52D3DA
RGB	82, 211, 218
RGB Percent	32%, 83%, 85%
CMY	0.6784, 0.1725, 0.1451
CMYK	0.62, 0.03, 0.00, 0.15
HSL	183°, 65%, 59%
HSV	183°, 62%, 85%
XYZ	39.4288, 53.4443, 74.5673
YIQ	173.2270, -79.1310, -25.1710

Conversions

Conversions Part 2

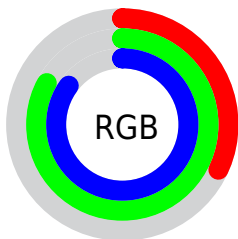
Format	Color
<code>RYB</code>	<code>82, 148, 218</code>
Decimal	<code>5428186</code>
CIELab	<code>78.14, -32.86, -13.98</code>
CIELCh	<code>78, 35.711, 203.055</code>
Yxy	<code>53.4443, 0.2355, 0.3192</code>
Android (<code>android.graphics.Color</code>)	<code>4283618266 (0xFF52D3DA)</code>
YUV	<code>173.2270, 22.0731, -80.0061</code>
Hunter-Lab	<code>73.1056, -31.6626, -9.3015</code>

Details

The Hex color **52D3DA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5952**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **91FFFF**, and **009CA3** is the 20% darker color. If you saturate the color by 10%, you get **3CD2DA**, and if you desaturate by 10%, it is **68D4DA**.

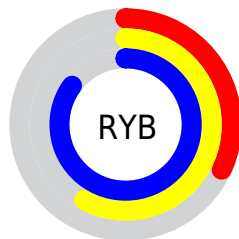
Distribution



Red (32%)

Green (83%)

Blue (85%)



Red (32%)

Yellow (58%)

Blue (85%)

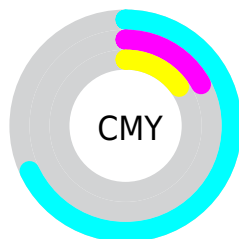


Cyan (62%)

Magenta (3%)

Yellow (0%)

Black (15%)



Cyan (68%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D3DA 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 52D3DA by changing the saturation by 10% instead.

52D3DA

52D3DA

FFFFFF

2BB7BE

91FFFF

009CA3

B0FFFF

008289

CEFFFF

006870

EDFFFF

004F57

003840

00242A

000116

000000

■ 52D3DA

■ 52D3DA

■ 3CD2DA

■ 68D4DA

■ 26D1DA

■ 7ED5DA

■ 11D0DA

■ 93D6DA

■ 00CFDA

■ A9D7DA

■ BFD9DA

■ D5DADA

■ EBDBDA

■ FFDCDA

■ FFDDDA

Harmonies

Analogous

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



70D3B8



52D3DA



5BCFF5

Triad

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



52D3DA



E4B0E9



DFBD7F

Complementary

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



52D3DA



DA5952

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.



F8B18D



52D3DA



FDA9CA

Square

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



52D3DA



BBBBFE



FFA9A9



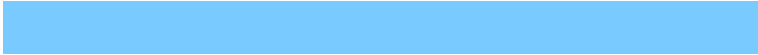
BEC783

Rectangle

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



52D3DA



78CAFF



FFA9A9



E9B982

Sweetspot

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



52D3DA



CFFDFF



52DA59



627E80



000000



808080

Same Dimension

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



52D3DA



40F5FF



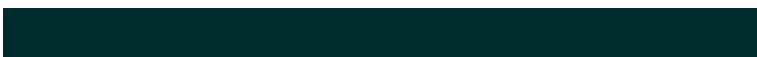
528FDA



636D6E



00A4AD



002C2E

Inverse Universe

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



DA52D3



FF40F5



DA9D52



6E636D



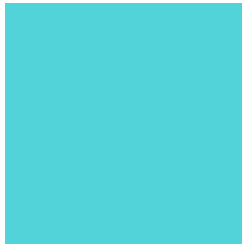
AD00A4



2E002C

Previews

White Background



This preview shows how the Hex color 52D3DA looks on a white background.

Color Contrast Check

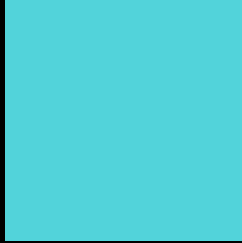
Large Text (above 18pt) WCAG AA × Fail

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 52D3DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

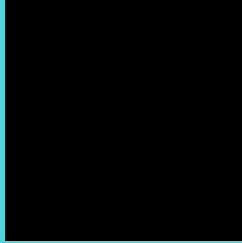
Any Text WCAG AA ✓ Pass

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 52D3DA Background



This preview shows how black text looks on a background with the Hex color 52D3DA.

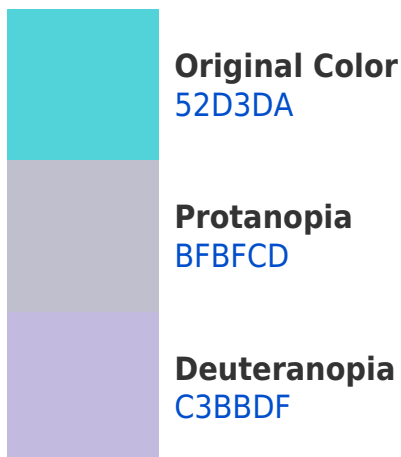


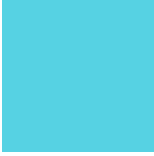
This preview shows how white text looks on a background with the Hex color 52D3DA.

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
56D2E3

Trichromacy



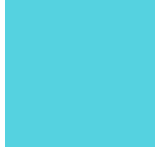
Original Color
52D3DA



Protanomaly
97C6D2



Deuteranomaly
9AC4DD

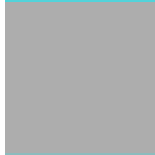


Tritanomaly
55D2E0

Monochromacy



Original Color
52D3DA



Achromatopsia
ADADAD



Achromatomaly
8CBBBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D3DA 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 #52D3DA looks like.

```
.text, #text, p{  
    color:#52D3DA  
}
```

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 #52D3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D3DA
}
```

Border

The CSS property to change the border of an element to Hex 52D3DA 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
#52D3DA }
```

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

```
.border{ border-color:#52D3DA }
```

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

Here you see how a box with a 4 pixel #52D3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D3DA; -webkit-box-shadow:4px 4px  
4px 4px #52D3DA; box-shadow:4px 4px 4px  
4px #52D3DA }
```

Background

The CSS property to change the background color of an element to Hex 52D3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D3DA }
```

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

```
.background{ background-color:#52D3DA }
```

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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