

Converting Colors

Hex(52D0DC)

Have a look what the booklet for
Hex(52D0DC) contains.

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Color

Hex(52D0DC)

Conversions

Conversions Part 1

Format	Color
Hex	52D0DC
RGB	82, 208, 220
RGB Percent	32%, 82%, 86%
CMY	0.6784, 0.1843, 0.1373
CMYK	0.63, 0.05, 0.00, 0.14
HSL	185°, 66%, 59%
HSV	185°, 63%, 86%
XYZ	38.9538, 52.0729, 75.7081
YIQ	171.6940, -78.9480, -22.9800

Conversions

Conversions Part 2

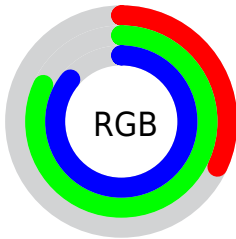
Format	Color
R _Y B	82, 148, 220
Decimal	5427420
CIE Lab	77.32, -30.86, -16.28
CIE LCh	77, 34.892, 207.812
Yxy	52.0729, 0.2336, 0.3123
Android (android.graphics.Color)	4283617500 (0xFF52D0DC)
YUV	171.6940, 23.8149, -78.6616
Hunter-Lab	72.1616, -29.9259, -11.6909

Details

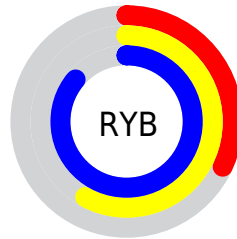
The Hex color **52D0DC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC5E52**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **91FFFF**, and **0099A5** is the 20% darker color. If you saturate the color by 10%, you get **3CCEDC**, and if you desaturate by 10%, it is **68D2DC**.

Distribution



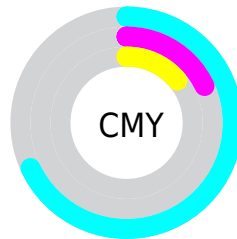
- Red (32%)
- Green (82%)
- Blue (86%)



- Red (32%)
- Yellow (58%)
- Blue (86%)



- Cyan (63%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (68%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52D0DC 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 52D0DC by changing the saturation by 10% instead.

 52D0DC

 52D0DC

FFFFFF

 2BB4C0


 91FFFF

 0099A5

 B0FFFF

 007F8B

 CEFFFF

 006571

 ECFFFF

 004D59

 003541

 00222B

 000117

 000000

 52D0DC

 52D0DC

 3CCEDC

 68D2DC

 26CCDC

 7ED4DC

 10CADC

 94D6DC

 00C9DC

 AAD8DC

 C0DADC

 D6DBDC

 ECDDDC

 FFD FDC

 FFE1DC

Harmonies

Analogous

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



6BD1BB



52D0DC



62CBF5

Triad

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



52D0DC



E6ADE2



D8BC7E

Complementary

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



52D0DC



DC5E52

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.



F1B189



52D0DC



FBA7C3

Square

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



52D0DC



C0B8F8



FFA9A2



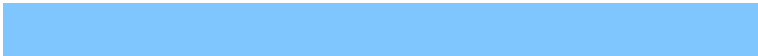
B6C685

Rectangle

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



52D0DC



7FC6FE



FFA9A2



E1B880

Sweetspot

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



52D0DC



CFFBFF



52DC5D



627D80



000000



808080

Same Dimension

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



52D0DC



40EEFF



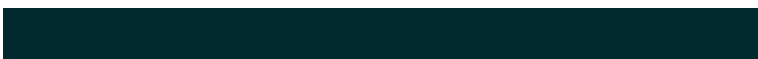
528CDC



636D6E



009EAD



002A2E

Inverse Universe

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



DC52D0



FF40EE



DCA352



6E636D



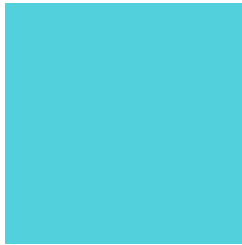
AD009E



2E002A

Previews

White Background



This preview shows how the Hex color 52D0DC looks on a white background.

Color Contrast Check

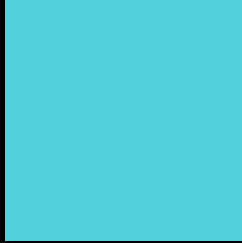
Large Text (above 18pt) WCAG AA × Fail

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 52D0DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

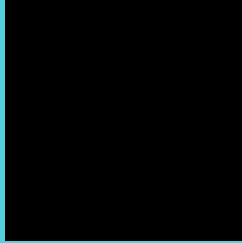
Any Text WCAG AA ✓ Pass

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 52D0DC Background



This preview shows how black text looks on a background with the Hex color 52D0DC.

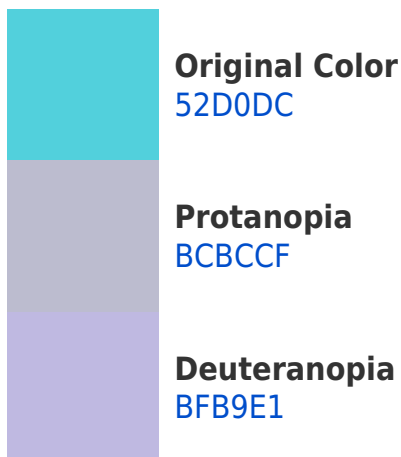


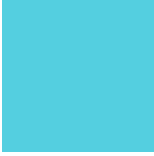
This preview shows how white text looks on a background with the Hex color 52D0DC.

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
54CFE0

Trichromacy



Original Color
52D0DC



Protanomaly
95C3D4



Deuteranomaly
97C1DF

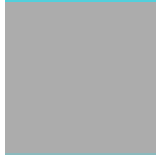


Tritanomaly
53CFDF

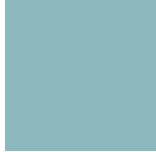
Monochromacy



Original Color
52D0DC



Achromatopsia
ACACAC



Achromatomaly
8BB9BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 52D0DC 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 #52D0DC looks like.

```
.text, #text, p{  
    color:#52D0DC  
}
```

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 #52D0DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D0DC
}
```

Border

The CSS property to change the border of an element to Hex 52D0DC 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
#52D0DC }
```

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

```
.border{ border-color:#52D0DC }
```

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

Here you see how a box with a 4 pixel #52D0DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D0DC; -webkit-box-shadow:4px 4px  
4px 4px #52D0DC; box-shadow:4px 4px 4px  
4px #52D0DC }
```

Background

The CSS property to change the background color of an element to Hex 52D0DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D0DC }
```

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

```
.background{ background-color:#52D0DC }
```

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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