

Converting Colors

Hex(52DBBE)

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

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Color

Hex(52DBBE)

Conversions

Conversions Part 1

Format	Color
Hex	52DBBE
RGB	82, 219, 190
RGB Percent	32%, 86%, 75%
CMY	0.6784, 0.1412, 0.2549
CMYK	0.63, 0.00, 0.13, 0.14
HSL	167°, 66%, 59%
HSV	167°, 63%, 86%
XYZ	38.1055, 56.1746, 57.5496
YIQ	174.7310, -72.3430, -38.0630

Conversions

Conversions Part 2

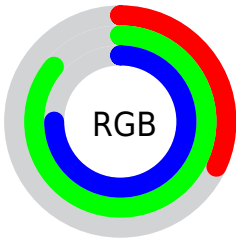
Format	Color
R_{YB}	82, 159, 219
Decimal	5430206
CIE _{Lab}	79.71, -43.87, 3.32
CIE _{LCh}	80, 43.999, 175.676
Yxy	56.1746, 0.2510, 0.3700
Android (android.graphics.Color)	4283620286 (0xFF52DBBE)
YUV	174.7310, 7.5276, -81.3251
Hunter-Lab	74.9497, -40.4101, 6.9394

Details

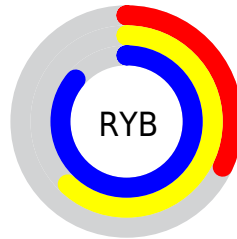
The Hex color **52DBBE** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **DB526F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **91FFF6**, and **00A389** is the 20% darker color. If you saturate the color by 10%, you get **3CDDB9**, and if you desaturate by 10%, it is **68DBC3**.

Distribution



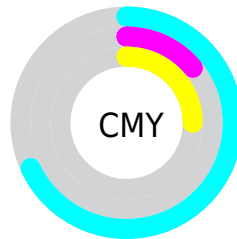
- Red (32%)
- Green (86%)
- Blue (75%)



- Red (32%)
- Yellow (62%)
- Blue (86%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (14%)



- Cyan (68%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 52DBBE

 52DBBE

FFFFFF

 2CBFA3

 91FFF6

 00A389

 AFFFFFF

 00886F

 CDFFFF

 006E57

 EBFFFF

 005540

 003D2A

 002815

 000000

 52DBBE

 52DBBE

 3CDBB9

 68DBC3

 26DBB5

 7EDBC7

 10DBB0

 94DBCC

 00DBAD

 AADBD1

 C0DBD5

 D5DBDA

 EBDBDE

 FFDBE3

 FFDBE8

Harmonies

Analogous

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



8CD796



52DBBE



00DBE8

Triad

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



52DBBE



C1BDFE



FFB383

Complementary

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



52DBBE



DB526F

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.



FFA8A4



52DBBE



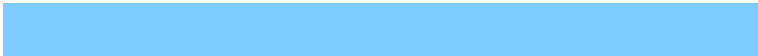
F4AEF4

Square

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



52DBBE



7DCBFF



FFA6CD



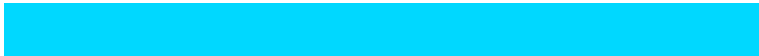
E6C173

Rectangle

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



52DBBE



00D8FF



FFA6CD



FFAE8D

Sweetspot

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



52DBBE



CFFF5



70DB52



628079



000000



808080

Same Dimension

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



52DBBE



40FFD7



52B4DB



636E6B



00AD89



002E24

Inverse Universe

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



DB526F



FF4068



DB7952



6E6365



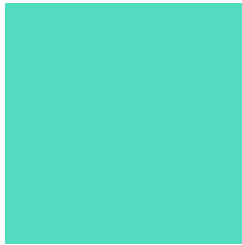
AD0025



2E000A

Previews

White Background



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

Color Contrast Check

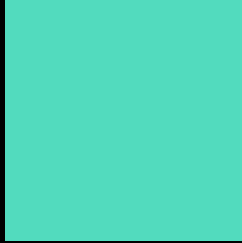
Large Text (above 18pt) WCAG AA × Fail

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 52DBBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

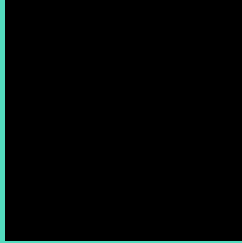
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

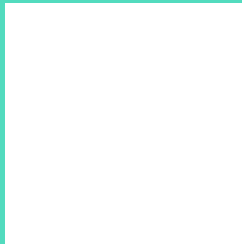
Any Text WCAG AAA ✓ Pass

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

Hex 52DBBE Background



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



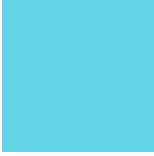
This preview shows how white text looks on a background with the Hex color 52DBBE.

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
62D5E7

Trichromacy



Original Color
52DBBE



Protanomaly
A0CCB6



Deuteranomaly
A7C9C2

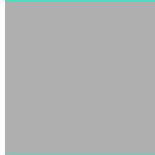


Tritanomaly
5CD7D8

Monochromacy



Original Color
52DBBE



Achromatopsia
AFAFAF



Achromatomaly
8DBFB4

CSS Examples

Text

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

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

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 #52DBBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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