

Converting Colors

Hex(52DFA6)

Have a look what the booklet for
Hex(52DFA6) contains.

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Color

Hex(52DFA6)

Conversions

Conversions Part 1

Format	Color
Hex	52DFA6
RGB	82, 223, 166
RGB Percent	32%, 87%, 65%
CMY	0.6784, 0.1255, 0.3490
CMYK	0.63, 0.00, 0.26, 0.13
HSL	156°, 69%, 60%
HSV	156°, 63%, 87%
XYZ	36.7503, 57.3224, 45.2038
YIQ	174.3430, -65.7390, -47.6190

Conversions

Conversions Part 2

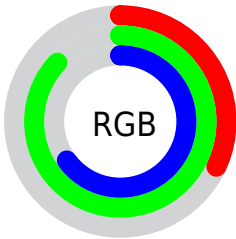
Format	Color
RYB	82, 170, 223
Decimal	5431206
CIELab	80.36, -51.09, 16.94
CIElCh	80, 53.823, 161.656
Yxy	57.3224, 0.2639, 0.4116
Android (android.graphics.Color)	4283621286 (0xFF52DFA6)
YUV	174.3430, -4.1131, -80.9848
Hunter-Lab	75.7115, -45.8515, 17.5988

Details

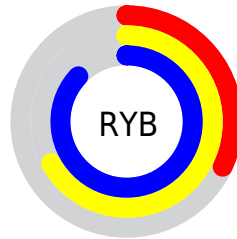
The Hex color **52DFA6** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DF528B**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **90FFDD**, and **00A772** is the 20% darker color. If you saturate the color by 10%, you get **3CDF9D**, and if you desaturate by 10%, it is **68DFAF**.

Distribution



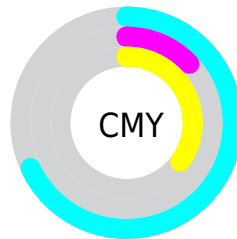
- Red (32%)
- Green (87%)
- Blue (65%)



- Red (32%)
- Yellow (67%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (68%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52DFA6 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 52DFA6 by changing the saturation by 10% instead.

 52DFA6

 52DFA6

FFFFFF

 2DC38C

 90FFDD

 00A772

 AEFFFA

 008C59

 CCFFFF

 007142

 EBFFFF

 00582B

 003F16

 002900

 000200

 000000

 52DFA6

 52DFA6

 3CDF9D

 68DFAF

 25DF94

 7FDFB8

 0FDF8B

 95DFC1

 00DF85

 ABDFCA

 C2DFD3

 D8DFDC

 EEDFE5

 FFDLEE

 FFDFF7

Harmonies

Analogous

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



9CD87A



52DFA6



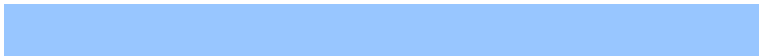
00E1DA

Triad

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



52DFA6



98C6FF



FFA887

Complementary

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



52DFA6



DF528B

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.



FF9EB6



52DFA6



E5B3FF

Square

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



52DFA6



00D5FF



FFA2E8



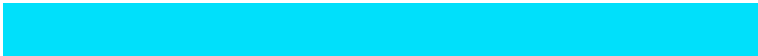
FFBA67

Rectangle

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



52DFA6



00E0FB



FFA2E8



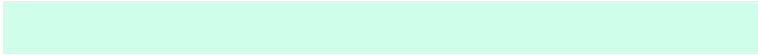
FFA395

Sweetspot

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



52DFA6



CFFFEB



8DDF52



628074



000000



808080

Same Dimension

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



52DFA6



3DFFB1



52D3DF



65706C



00B069



00301D

Inverse Universe

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



DF528B



FF3D8C



DF5E52



70656A



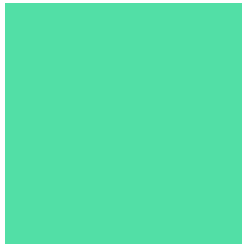
B00047



300014

Previews

White Background



This preview shows how the Hex color 52DFA6 looks on a white background.

Color Contrast Check

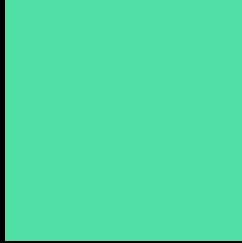
Large Text (above 18pt) WCAG AA × Fail

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 52DFA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

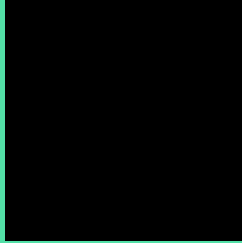
Any Text WCAG AA ✓ Pass

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 52DFA6 Background



This preview shows how black text looks on a background with the Hex color 52DFA6.

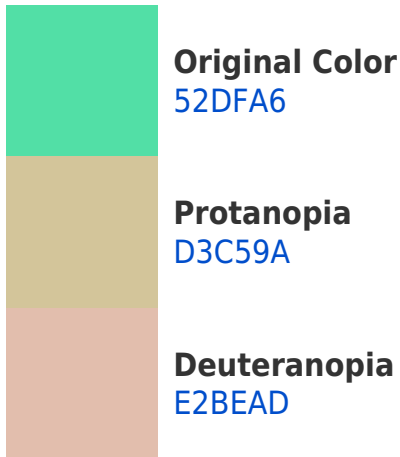


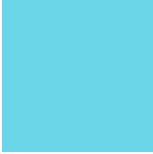
This preview shows how white text looks on a background with the Hex color 52DFA6.

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



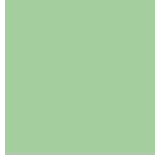


Tritanopia
6AD6E8

Trichromacy



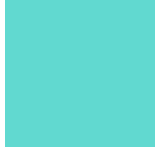
Original Color
52DFA6



Protanomaly
A4CE9E



Deuteranomaly
AECAAA



Tritanomaly
61D9D0

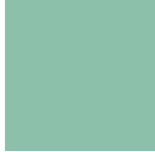
Monochromacy



Original Color
52DFA6



Achromatopsia
AEAEAE



Achromatomaly
8DC0AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 52DFA6 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 #52DFA6 looks like.

```
.text, #text, p{  
    color:#52DFA6  
}
```

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 #52DFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52DFA6
}
```

Border

The CSS property to change the border of an element to Hex 52DFA6 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
#52DFA6 }
```

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

```
.border{ border-color:#52DFA6 }
```

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

Here you see how a box with a 4 pixel #52DFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52DFA6; -webkit-box-shadow:4px 4px  
4px 4px #52DFA6; box-shadow:4px 4px 4px  
4px #52DFA6 }
```

Background

The CSS property to change the background color of an element to Hex 52DFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52DFA6 }
```

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

```
.background{ background-color:#52DFA6 }
```

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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