

Converting Colors

Hex(56D6CA)

Have a look what the booklet for
Hex(56D6CA) contains.

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Color

Hex(56D6CA)

Conversions

Conversions Part 1

Format	Color
Hex	56D6CA
RGB	86, 214, 202
RGB Percent	34%, 84%, 79%
CMY	0.6627, 0.1608, 0.2078
CMYK	0.60, 0.00, 0.06, 0.16
HSL	174°, 61%, 59%
HSV	174°, 60%, 84%
XYZ	38.5450, 54.3358, 64.3334
YIQ	174.3600, -72.4360, -30.8680

Conversions

Conversions Part 2

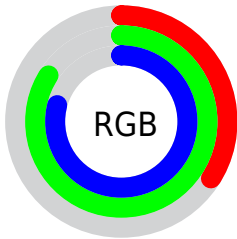
Format	Color
RYB	86, 153, 214
Decimal	5691082
CIELab	78.66, -37.91, -4.62
CIElCh	79, 38.191, 186.952
Yxy	54.3358, 0.2452, 0.3456
Android (android.graphics.Color)	4283881162 (0xFF56D6CA)
YUV	174.3600, 13.6265, -77.4917
Hunter-Lab	73.7128, -35.6585, -0.1468

Details

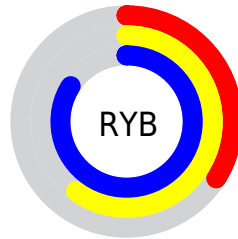
The Hex color **56D6CA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D65662**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **94FFFF**, and **009F94** is the 20% darker color. If you saturate the color by 10%, you get **41D6C8**, and if you desaturate by 10%, it is **6BD6CC**.

Distribution



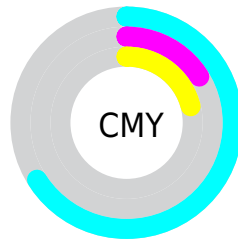
- Red (34%)
- Green (84%)
- Blue (79%)



- Red (34%)
- Yellow (60%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D6CA 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 56D6CA by changing the saturation by 10% instead.

 56D6CA

 56D6CA

FFFFFF

 32BAAF

 94FFFF

 009F94

 B2FFFF

 00847A

 D0FFFF

 006A62

 EEEFFF

 00514A

 003933

 00251E

 000006

 000000

 56D6CA

 56D6CA

 41D6C8

 6BD6CC

 2BD6C6

 81D6CE

 16D6C4

 96D6D0

 00D6C2

 ACD6D2

 C1D6D4

 D6D6D6

 ECD6D8

 FFD6DA

 FFD6DC

Harmonies

Analogous

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



81D4A6



56D6CA



41D4EC

Triad

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



56D6CA



D2B6FB



F2B782

Complementary

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



56D6CA



D65662

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.



FFAC9A



56D6CA



F6ACDF

Square

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



56D6CA



9EC3FF



FFA7BC



D3C37C

Rectangle

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



56D6CA



55D0FD



FFA7BC



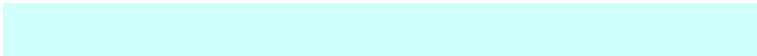
FAB388

Sweetspot

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



56D6CA



D1FFFB



63D656



63807D



000000



808080

Same Dimension

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



56D6CA



47FFEE



56A3D6



606B6A



00AB9B



002B27

Inverse Universe

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



D65662



FF4759



D68956



6B6061



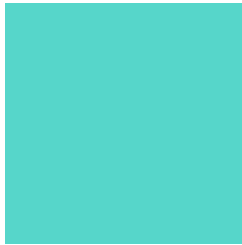
AB0010



2B0004

Previews

White Background



This preview shows how the Hex color 56D6CA looks on a white background.

Color Contrast Check

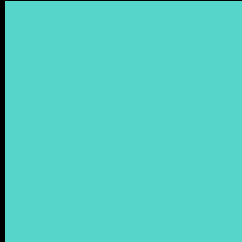
Large Text (above 18pt) WCAG AA × Fail

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 56D6CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

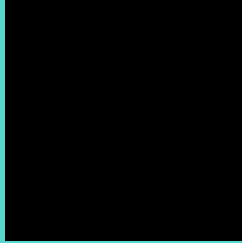
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

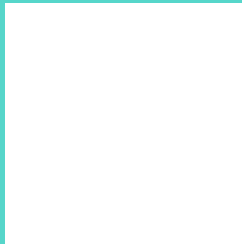
Any Text WCAG AAA ✓ Pass

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

Hex 56D6CA Background



This preview shows how black text looks on a background with the Hex color 56D6CA.

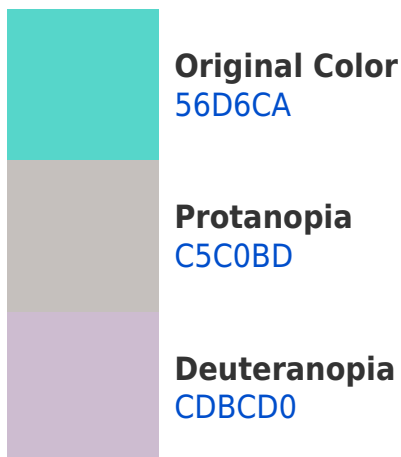


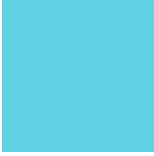
This preview shows how white text looks on a background with the Hex color 56D6CA.

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
60D2E3

Trichromacy



Original Color
56D6CA



Protanomaly
9DC8C2



Deuteranomaly
A2C5CE

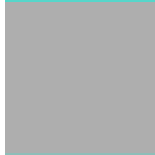


Tritanomaly
5CD3DA

Monochromacy



Original Color
56D6CA



Achromatopsia
AEAEAE



Achromatomaly
8EBDB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 56D6CA 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 #56D6CA looks like.

```
.text, #text, p{  
    color:#56D6CA  
}
```

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 #56D6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D6CA
}
```

Border

The CSS property to change the border of an element to Hex 56D6CA 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
#56D6CA }
```

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

```
.border{ border-color:#56D6CA }
```

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

Here you see how a box with a 4 pixel #56D6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D6CA; -webkit-box-shadow:4px 4px  
4px 4px #56D6CA; box-shadow:4px 4px 4px  
4px #56D6CA }
```

Background

The CSS property to change the background color of an element to Hex 56D6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D6CA }
```

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

```
.background{ background-color:#56D6CA }
```

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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