

Converting Colors

Hex(55DDDD)

Have a look what the booklet for
Hex(55DDDD) contains.

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Color

Hex(55DDDD)

Conversions

Conversions Part 1

Format	Color
Hex	55DDDD
RGB	85, 221, 221
RGB Percent	33%, 87%, 87%
CMY	0.6667, 0.1333, 0.1333
CMYK	0.62, 0.00, 0.00, 0.13
HSL	180°, 67%, 60%
HSV	180°, 62%, 87%
XYZ	42.6539, 58.8647, 77.5205
YIQ	180.3360, -81.0560, -28.8320

Conversions

Conversions Part 2

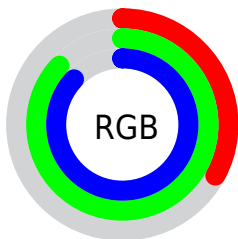
Format	Color
RYB	85, 153, 221
Decimal	5627357
CIELab	81.22, -36.24, -10.97
CIELCh	81, 37.860, 196.845
Yxy	58.8647, 0.2382, 0.3288
Android (android.graphics.Color)	4283817437 (0xFF55DDDD)
YUV	180.3360, 20.0474, -83.6097
Hunter-Lab	76.7233, -35.0297, -6.1998

Details

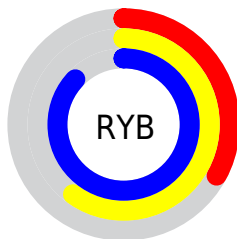
The Hex color **55DDDD** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD5555**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **95FFFF**, and **00A5A6** is the 20% darker color. If you saturate the color by 10%, you get **3FDddd**, and if you desaturate by 10%, it is **6BDDDD**.

Distribution



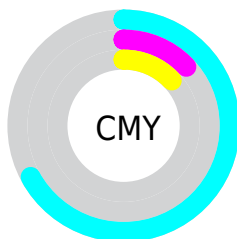
- Red (33%)
- Green (87%)
- Blue (87%)



- Red (33%)
- Yellow (60%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55DDDD 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 55DDDD by changing the saturation by 10% instead.

 55DDDD

 55DDDD

FFFFFF

 2EC1C1

 95FFFF

 00A5A6

 B3FFFF

 008B8C

 D2FFFF

 007172

 F1FFFF

 00585A

 003F42

 00292C

 000A18

 000000

 55DDDD

 55DDDD

 3FDDDD

 6BDDDD

 29DDDD

 81DDDD

 13DDDD

 97DDDD

 00DDDD

 ADDDDD

 C3DDDD

 DADDDD

 F0DDDD

 FFDDDD

Harmonies

Analogous

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



7BDCB8



55DDDD



53DAFC

Triad

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



55DDDD



E7BAFA



F0C285

Complementary

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



55DDDD



DD5555

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.



FFB798



55DDDD



FFB1DB

Square

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



55DDDD



B8C6FF



FFAFB7



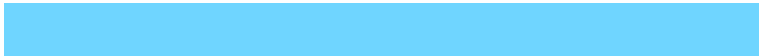
CECE85

Rectangle

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



55DDDD



6FD5FF



FFAFB7



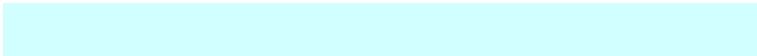
F9BE89

Sweetspot

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



55DDDD



D1FFFF



55DD55



638080



000000



808080

Same Dimension

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



55DDDD



42FFFF



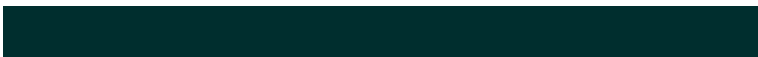
5599DD



636E6E



00ADAD



002E2E

Inverse Universe

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



DD55DD



FF42FF



DD9955



6E636E



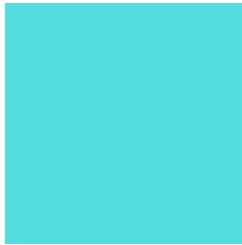
AD00AD



2E002E

Previews

White Background



This preview shows how the Hex color 55DDDD looks on a white background.

Color Contrast Check

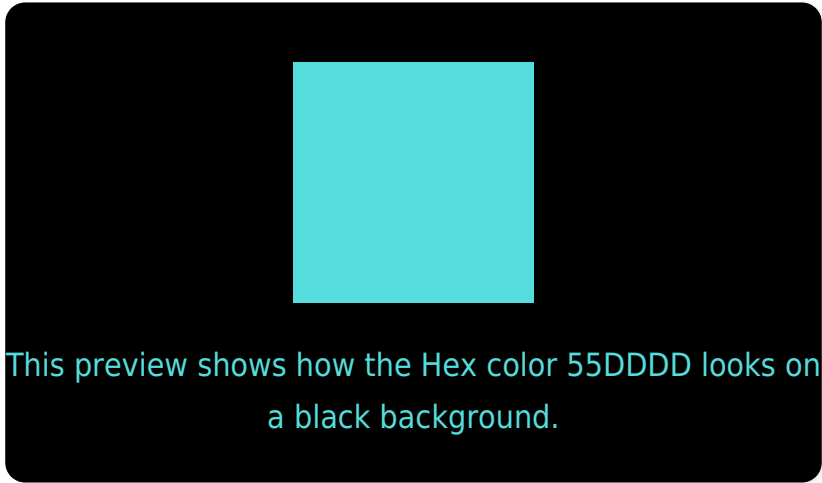
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

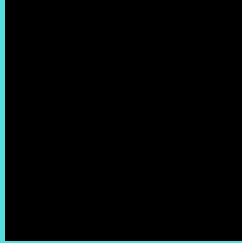
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

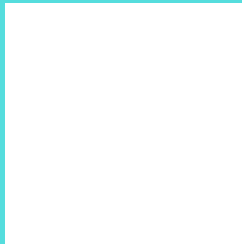
Any Text WCAG AAA ✓ Pass

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

Hex 55DDDD Background



This preview shows how black text looks on a background with the Hex color 55DDDD.

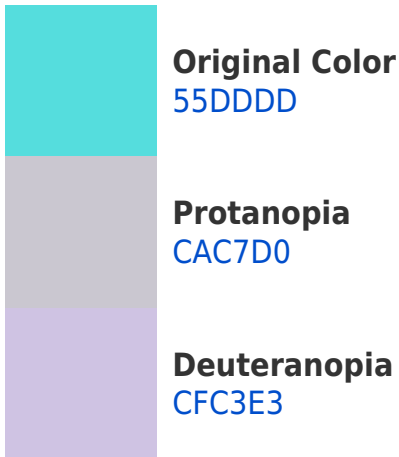


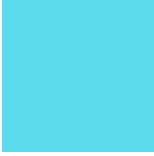
This preview shows how white text looks on a background with the Hex color 55DDDD.

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





Trichromacy



Original Color
55DDDD



Protanomaly
9FCFD5



Deuteranomaly
A3CCE1

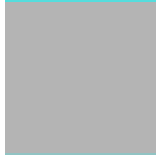


Tritanomaly
59DCE7

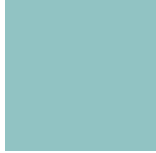
Monochromacy



Original Color
55DDDD



Achromatopsia
B4B4B4



Achromatomaly
91C3C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 55DDDD 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 #55DDDD looks like.

```
.text, #text, p{  
    color:#55DDDD  
}
```

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 #55DDDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55DDDD }  
}
```

Border

The CSS property to change the border of an element to Hex 55DDDD 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 #55DDDD }  
}
```

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

```
.border{ border-color:#55DDDD }
```

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

Here you see how a box with a 4 pixel #55DDDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55DDDD; -webkit-box-shadow:4px 4px  
4px 4px #55DDDD; box-shadow:4px 4px 4px  
4px #55DDDD }
```

Background

The CSS property to change the background color of an element to Hex 55DDDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55DDDD }
```

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

```
.background{ background-color:#55DDDD }
```

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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