

Converting Colors

Hex(55DC80)

Have a look what the booklet for
Hex(55DC80) contains.

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Color

Hex(55DC80)

Conversions

Conversions Part 1

Format	Color
Hex	55DC80
RGB	85, 220, 128
RGB Percent	33%, 86%, 50%
CMY	0.6667, 0.1373, 0.4980
CMYK	0.61, 0.00, 0.42, 0.14
HSL	139°, 66%, 60%
HSV	139°, 61%, 86%
XYZ	33.2358, 54.6762, 29.2239
YIQ	169.1470, -50.9280, -57.2320

Conversions

Conversions Part 2

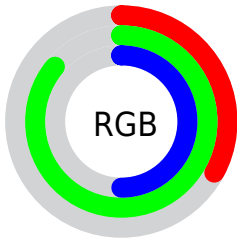
Format	Color
RYB	85, 187, 220
Decimal	5627008
CIELab	78.85, -56.60, 34.53
CIElCh	79, 66.301, 148.612
Yxy	54.6762, 0.2837, 0.4668
Android (android.graphics.Color)	4283817088 (0xFF55DC80)
YUV	169.1470, -20.2855, -73.7969
Hunter-Lab	73.9434, -49.1693, 28.3277

Details

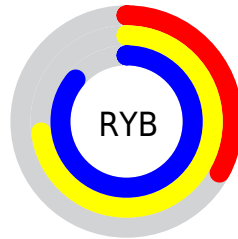
The Hex color **55DC80** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DC55B1**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **92FFB6**, and **00A44D** is the 20% darker color. If you saturate the color by 10%, you get **3FDC71**, and if you desaturate by 10%, it is **6BDC8F**.

Distribution



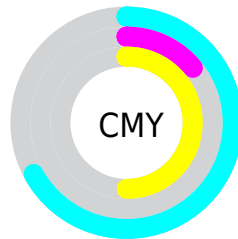
- Red (33%)
- Green (86%)
- Blue (50%)



- Red (33%)
- Yellow (73%)
- Blue (86%)



- Cyan (61%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (67%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55DC80 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 55DC80 by changing the saturation by 10% instead.

 55DC80

 55DC80

FFFFFF

 32C066

 92FFB6

 00A44D

 B0FFD2

 008935

 CEFFEE

 006E1D

 ECFFFF

 005502

 003C00

 002500

 000000

 55DC80

 55DC80

 3FDC71

 6BDC8F

 29DC62

 81DC9E

 13DC53

 97DCAD

 00DC46

 ADDCBC

 C3DCCB

 D9DCDA

 EFDCE9

 FFDCF8

 FFDCFF

Harmonies

Analogous

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



AAD150



55DC80



00E1BE

Triad

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



55DC80



00CBFF



FF928C

Complementary

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



55DC80



DC55B1

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.



FF8CC9



55DC80



C0B4FF

Square

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



55DC80



00DAFF



FF9BFF



FFA85A

Rectangle

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



55DC80



00E1E9



FF9BFF



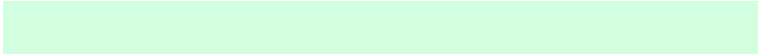
FF8E9F

Sweetspot

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



55DC80



D1FFE0



B1DC55



63806C



000000



808080

Same Dimension

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



55DC80



42FF7E



55DCC3



636E66



00AD37



002E0F

Inverse Universe

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



DC55B1



FF42C3



DC556E



6E636A



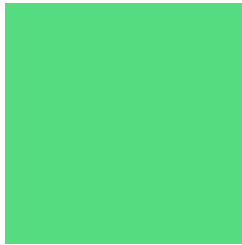
AD0076



2E001F

Previews

White Background



This preview shows how the Hex color 55DC80 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 55DC80 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

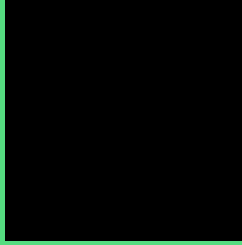
Any Text WCAG AA ✓ Pass

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 55DC80 Background



This preview shows how black text looks on a background with the Hex color 55DC80.

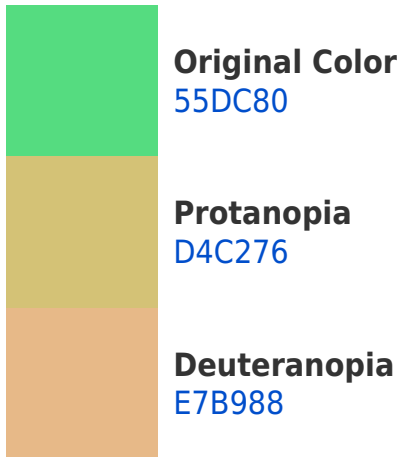


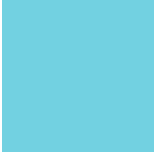
This preview shows how white text looks on a background with the Hex color 55DC80.

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
72D1E1

Trichromacy



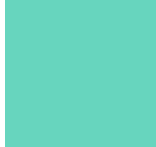
Original Color
55DC80



Protanomaly
A6CB7A



Deuteranomaly
B2C685



Tritanomaly
67D5BE

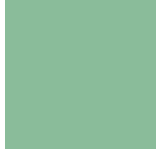
Monochromacy



Original Color
55DC80



Achromatopsia
A9A9A9



Achromatomaly
8ABC9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 55DC80 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 #55DC80 looks like.

```
.text, #text, p{  
    color:#55DC80  
}
```

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 #55DC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55DC80
}
```

Border

The CSS property to change the border of an element to Hex 55DC80 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
#55DC80 }
```

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

```
.border{ border-color:#55DC80 }
```

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

Here you see how a box with a 4 pixel #55DC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55DC80; -webkit-box-shadow:4px 4px  
4px 4px #55DC80; box-shadow:4px 4px 4px  
4px #55DC80 }
```

Background

The CSS property to change the background color of an element to Hex 55DC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55DC80 }
```

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

```
.background{ background-color:#55DC80 }
```

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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