

Converting Colors

Hex(56DD84)

Have a look what the booklet for
Hex(56DD84) contains.

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Color

Hex(56DD84)

Conversions

Conversions Part 1

Format	Color
Hex	56DD84
RGB	86, 221, 132
RGB Percent	34%, 87%, 52%
CMY	0.6627, 0.1333, 0.4824
CMYK	0.61, 0.00, 0.40, 0.13
HSL	140°, 67%, 60%
HSV	140°, 61%, 87%
XYZ	33.8591, 55.3573, 30.7303
YIQ	170.4890, -51.8910, -56.2990

Conversions

Conversions Part 2

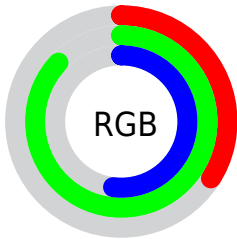
Format	Color
RYB	86, 187, 221
Decimal	5692804
CIELab	79.25, -56.10, 33.03
CIElCh	79, 65.102, 149.513
Yxy	55.3573, 0.2823, 0.4615
Android (android.graphics.Color)	4283882884 (0xFF56DD84)
YUV	170.4890, -18.9751, -74.0969
Hunter-Lab	74.4025, -48.9726, 27.5933

Details

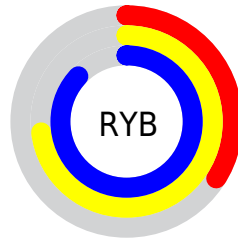
The Hex color **56DD84** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DD56AF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **93FFBA**, and **00A551** is the 20% darker color. If you saturate the color by 10%, you get **40DD75**, and if you desaturate by 10%, it is **6CDD93**.

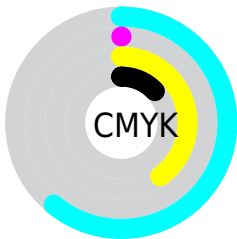
Distribution



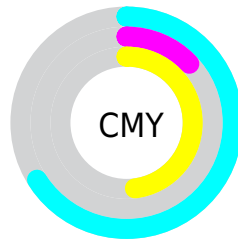
- Red (34%)
- Green (87%)
- Blue (52%)



- Red (34%)
- Yellow (73%)
- Blue (87%)



- Cyan (61%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)



- Cyan (66%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56DD84 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 56DD84 by changing the saturation by 10% instead.

 56DD84

 56DD84

FFFFFF

 33C16A


 93FFBA

 00A551

 B1FFD6

 008A39

 CFFFF3

 006F21

 EDFFFF

 005607

 003D00

 002600

 000000

 56DD84

 56DD84

 40DD75

 6CDD93

 2ADD67

 82DDA1

 14DD58

 98DDB0

 00DD4B

 AEDDBE

 C5DDCD

 DBDDDB

 F1DDEA

 FFDDF9

 FFDDFF

Harmonies

Analogous

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



AAD254



56DD84



00E2C1

Triad

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



56DD84



2FCBFF



FF958C

Complementary

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



56DD84



DD56AF

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.



FF8EC8



56DD84



C4B5FF

Square

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



56DD84



00DAFF



FF9CFF



FFAA5C

Rectangle

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



56DD84



00E2EB



FF9CFF



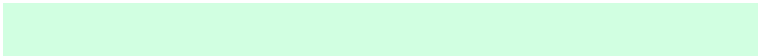
FF909F

Sweetspot

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



56DD84



D1FFE1



B0DD56



63806D



000000



808080

Same Dimension

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



56DD84



45FF84



56DDC6



636E66



00AD3B



002E10

Inverse Universe

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



DD56AF



FF45C0



DD566D



6E636A



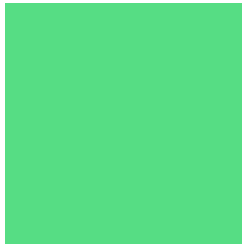
AD0072



2E001E

Previews

White Background



This preview shows how the Hex color 56DD84 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 56DD84 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

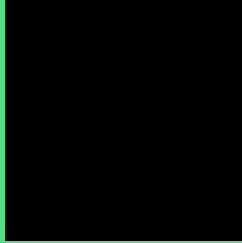
Any Text WCAG AA ✓ Pass

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 56DD84 Background



This preview shows how black text looks on a background with the Hex color 56DD84.

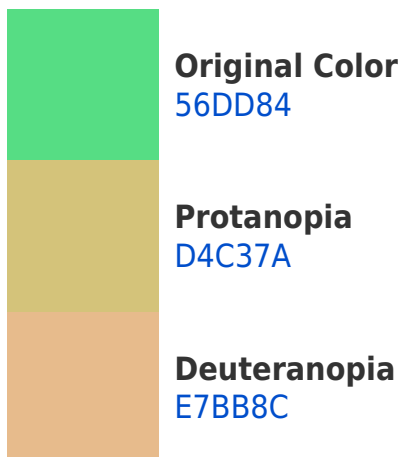


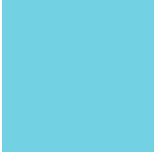
This preview shows how white text looks on a background with the Hex color 56DD84.

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](#).

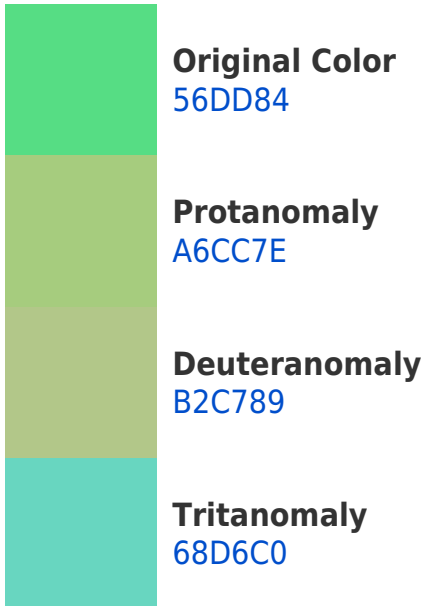
Dichromacy



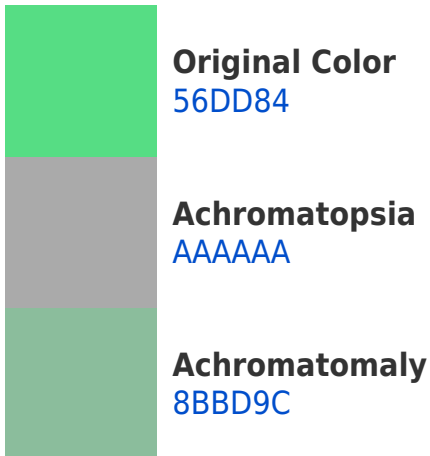


Tritanopia
72D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56DD84 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 #56DD84 looks like.

```
.text, #text, p{  
    color:#56DD84  
}
```

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 #56DD84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56DD84
}
```

Border

The CSS property to change the border of an element to Hex 56DD84 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
#56DD84 }
```

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

```
.border{ border-color:#56DD84 }
```

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

Here you see how a box with a 4 pixel #56DD84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56DD84; -webkit-box-shadow:4px 4px  
4px 4px #56DD84; box-shadow:4px 4px 4px  
4px #56DD84 }
```

Background

The CSS property to change the background color of an element to Hex 56DD84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56DD84 }
```

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

```
.background{ background-color:#56DD84 }
```

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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