

Converting Colors

Hex(50D682)

Have a look what the booklet for
Hex(50D682) contains.

Hex(50D682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50D682)

Conversions

Conversions Part 1

Format	Color
Hex	50D682
RGB	80, 214, 130
RGB Percent	31%, 84%, 51%
CMY	0.6863, 0.1608, 0.4902
CMYK	0.63, 0.00, 0.39, 0.16
HSL	142°, 62%, 58%
HSV	142°, 63%, 84%
XYZ	31.3841, 51.4103, 29.3882
YIQ	164.3580, -52.9000, -54.5320

Conversions

Conversions Part 2

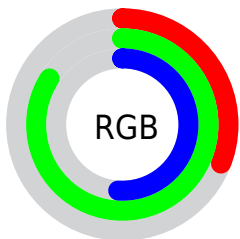
Format	Color
RYB	80, 178, 214
Decimal	5297794
CIELab	76.93, -54.96, 30.97
CIELCh	77, 63.082, 150.599
Yxy	51.4103, 0.2798, 0.4583
Android (android.graphics.Color)	4283487874 (0xFF50D682)
YUV	164.3580, -16.9385, -73.9820
Hunter-Lab	71.7010, -47.3458, 25.8894

Details

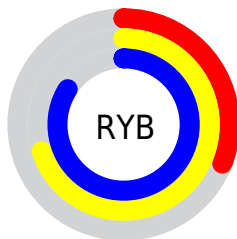
The Hex color **50D682** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **D650A4**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8DFFB8**, and **009E4F** is the 20% darker color. If you saturate the color by 10%, you get **3BD675**, and if you desaturate by 10%, it is **65D68F**.

Distribution



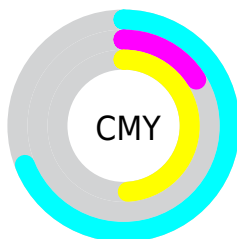
- Red (31%)
- Green (84%)
- Blue (51%)



- Red (31%)
- Yellow (70%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)



- Cyan (69%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50D682 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 50D682 by changing the saturation by 10% instead.

 50D682

 50D682

FFFFFF

 2CBA68

 8DFFB8

 009E4F

 ABFFD4

 008337

 C9FFF0

 006920

 E7FFFF

 005007

 003700

 002000

 000000

 50D682

 50D682

 3BD675

 65D68F

 25D667

 7BD69D

 10D65A

 90D6AA

 00D650

 A6D6B8

 BBD6C5

 D0D6D2

 E6D6E0

 FBD6ED

 FFD6FB

Harmonies

Analogous

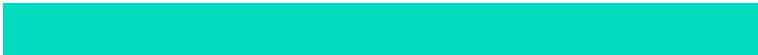
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2CC53



50D682



00DABD

Triad

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



50D682



3CC4FF



FF9186

Complementary

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



50D682



D650A4

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.



FF8ABF



50D682



C1AEFF

Square

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



50D682



00D3FF



FF97F8



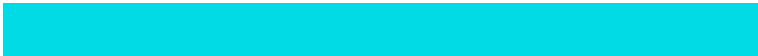
FFA658

Rectangle

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



50D682



00DBE5



FF97F8



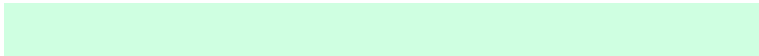
FF8C98

Sweetspot

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



50D682



CFFFE1



A5D650



62806D



000000



808080

Same Dimension

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



50D682



40FF87



50D6C4



606B64



00AB40



002B10

Inverse Universe

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



D650A4



FF40B8



D65062



6B6067



AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 50D682 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 50D682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

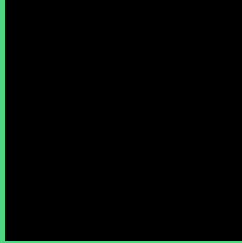
Any Text WCAG AA ✓ Pass

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 50D682 Background



This preview shows how black text looks on a background with the Hex color 50D682.

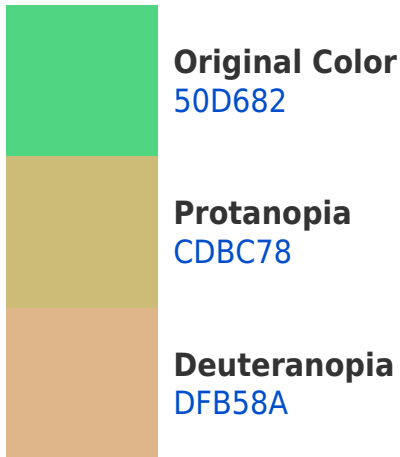


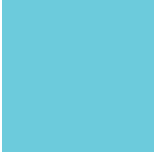
This preview shows how white text looks on a background with the Hex color 50D682.

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
50D682



Protanomaly
A0C57C



Deuteranomaly
ABC187



Tritanomaly
62CFBB

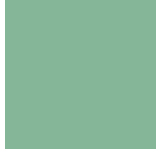
Monochromacy



Original Color
50D682



Achromatopsia
A4A4A4



Achromatomaly
85B698

CSS Examples

Text

The CSS property to change the color of the text to Hex 50D682 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 #50D682 looks like.

```
.text, #text, p{  
    color:#50D682  
}
```

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 #50D682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50D682
}
```

Border

The CSS property to change the border of an element to Hex 50D682 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
#50D682 }
```

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

```
.border{ border-color:#50D682 }
```

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

Here you see how a box with a 4 pixel #50D682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50D682; -webkit-box-shadow:4px 4px  
4px 4px #50D682; box-shadow:4px 4px 4px  
4px #50D682 }
```

Background

The CSS property to change the background color of an element to Hex 50D682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50D682 }
```

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

```
.background{ background-color:#50D682 }
```

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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