

Converting Colors

Hex(54A76D)

Have a look what the booklet for
Hex(54A76D) contains.

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Color

Hex(54A76D)

Conversions

Conversions Part 1

Format	Color
Hex	54A76D
RGB	84, 167, 109
RGB Percent	33%, 65%, 43%
CMY	0.6706, 0.3451, 0.5725
CMYK	0.50, 0.00, 0.35, 0.35
HSL	138°, 33%, 49%
HSV	138°, 50%, 65%
XYZ	20.2352, 30.6264, 19.3130
YIQ	135.5710, -30.8500, -35.6340

Conversions

Conversions Part 2

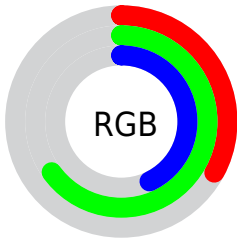
Format	Color
RYB	84, 148, 167
Decimal	5547885
CIELab	62.19, -38.47, 22.44
CIELCh	62, 44.539, 149.747
Yxy	30.6264, 0.2884, 0.4364
Android (android.graphics.Color)	4283737965 (0xFF54A76D)
YUV	135.5710, -13.0995, -45.2278
Hunter-Lab	55.3411, -31.5793, 18.0477

Details

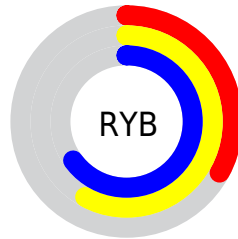
The Hex color **54A76D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A7548E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8BDFA1**, and **19723D** is the 20% darker color. If you saturate the color by 10%, you get **43A761**, and if you desaturate by 10%, it is **65A779**.

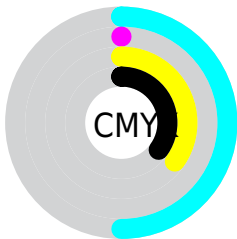
Distribution



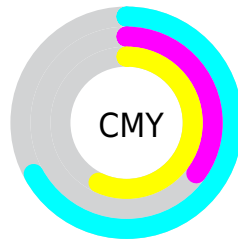
- Red (33%)
- Green (65%)
- Blue (43%)



- Red (33%)
- Yellow (58%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (35%)



- Cyan (67%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54A76D 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 54A76D by changing the saturation by 10% instead.

■ 54A76D

■ 54A76D

FFFFFF

■ 388C54

■ 8BDFA1

■ 19723D

■ A6FCBC

■ 005926

■ C3FFD8

■ 004110

■ DFFFF4

■ 002A00

■ FDFFFF

■ 000E00

■ 000000

■ 54A76D

■ 54A76D

■ 43A761


■ 65A779

 33A756


 75A784

 22A74A

 86A790

 11A73E

 97A79C

 01A733

 A7A7A7

 00A732

 B8A7B3

 C9A7BF

 DAA7CA

 EAA7D6

Harmonies

Analogous

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



86A04F



54A76D



00AA95

Triad

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



54A76D



509BE5



DF7971

Complementary

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



54A76D



A7548E

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.



DE7598



54A76D



988CDB

Square

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



54A76D



00A5DA



C77DBF



CD8653

Rectangle

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



54A76D



00AAB0



C77DBF



E1777E

Sweetspot

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



54A76D



B8D9C2



8EA754



5A6E60



EDEDED



6E6E6E

Same Dimension

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



54A76D



57D97E



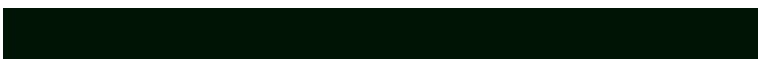
54A796



4C544E



00942D



001406

Inverse Universe

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



A7548E



D957B2



A75465



544C52



940067



14000E

Previews

White Background



This preview shows how the Hex color 54A76D looks on a white background.

Color Contrast Check

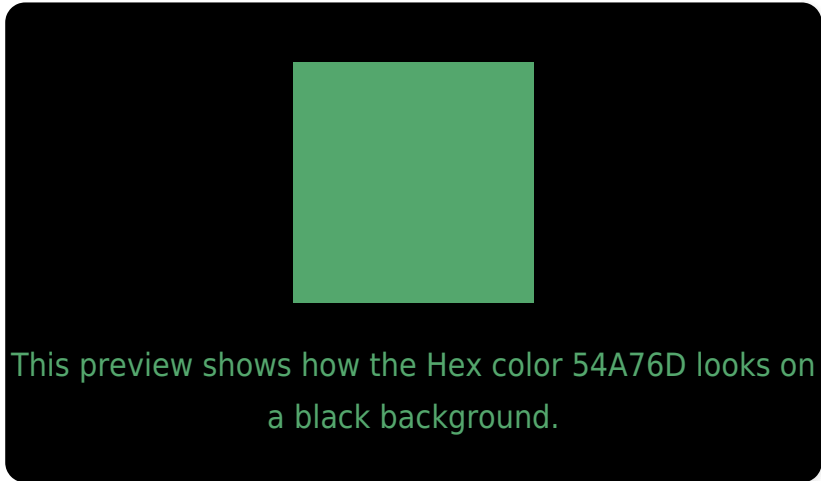
Large Text (above 18pt) WCAG AA × Fail

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

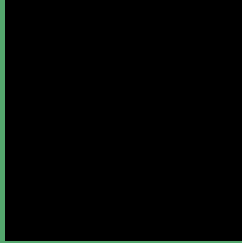
Any Text WCAG AA ✓ Pass

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 54A76D Background



This preview shows how black text looks on a background with the Hex color 54A76D.

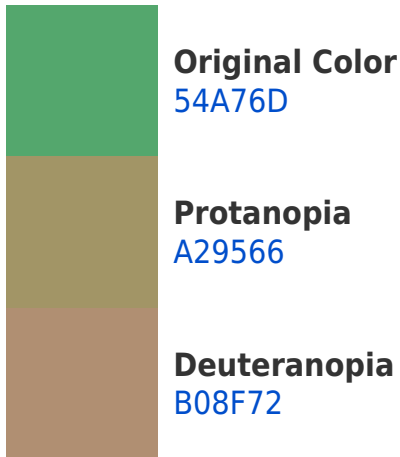


This preview shows how white text looks on a background with the Hex color 54A76D.

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
54A76D



Protanomaly
869C69



Deuteranomaly
8F9870



Tritanomaly
5EA295

Monochromacy



Original Color
54A76D



Achromatopsia
888888



Achromatomaly
75937E

CSS Examples

Text

The CSS property to change the color of the text to Hex 54A76D 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 #54A76D looks like.

```
.text, #text, p{  
    color:#54A76D  
}
```

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 #54A76D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54A76D
}
```

Border

The CSS property to change the border of an element to Hex 54A76D 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
#54A76D }
```

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

```
.border{ border-color:#54A76D }
```

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

Here you see how a box with a 4 pixel #54A76D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54A76D; -webkit-box-shadow:4px 4px  
4px 4px #54A76D; box-shadow:4px 4px 4px  
4px #54A76D }
```

Background

The CSS property to change the background color of an element to Hex 54A76D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54A76D }
```

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

```
.background{ background-color:#54A76D }
```

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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