

Converting Colors

Hex(55AB74)

Have a look what the booklet for
Hex(55AB74) contains.

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Color

Hex(55AB74)

Conversions

Conversions Part 1

Format	Color
Hex	55AB74
RGB	85, 171, 116
RGB Percent	33%, 67%, 45%
CMY	0.6667, 0.3294, 0.5451
CMYK	0.50, 0.00, 0.32, 0.33
HSL	142°, 34%, 50%
HSV	142°, 50%, 67%
XYZ	21.4616, 32.3181, 21.6299
YIQ	139.0160, -33.6010, -35.3370

Conversions

Conversions Part 2

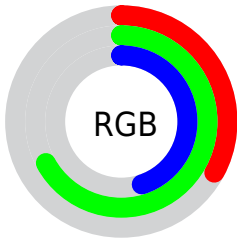
Format	Color
RYB	85, 148, 171
Decimal	5614452
CIELab	63.60, -38.65, 20.55
CIELCh	64, 43.779, 152.001
Yxy	32.3181, 0.2846, 0.4286
Android (android.graphics.Color)	4283804532 (0xFF55AB74)
YUV	139.0160, -11.3469, -47.3720
Hunter-Lab	56.8490, -32.0985, 17.2357

Details

The Hex color **55AB74** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB558C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8CE3A8**, and **197643** is the 20% darker color. If you saturate the color by 10%, you get **44AB69**, and if you desaturate by 10%, it is **66AB7F**.

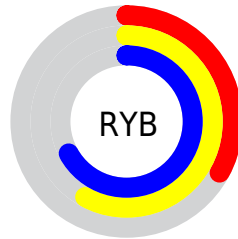
Distribution



Red (33%)

Green (67%)

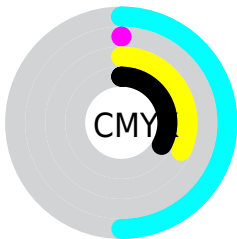
Blue (45%)



Red (33%)

Yellow (58%)

Blue (67%)

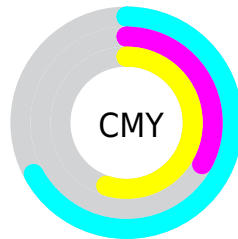


Cyan (50%)

Magenta (0%)

Yellow (32%)

Black (33%)



Cyan (67%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55AB74 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 55AB74 by changing the saturation by 10% instead.

 55AB74

 55AB74

FFFFFF

 39905B

 8CE3A8

 197643

 A8FFC4

 005D2D

 C4FFE0

 004417

 E1FFFC

 002D00

 001500

 000000

 55AB74

 55AB74

 44AB69

 66AB7F

 33AB5E

 77AB8A

 22AB53

 88AB95

 11AB48

 99ABA0

 00AB3E

 AAABAB

 BCABB6

 CDABC1

 DEACB

 EFABD6

Harmonies

Analogous

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



87A456



55AB74



00AE9B

Triad

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



55AB74



5D9DE8



E27E73

Complementary

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



55AB74



AB558C

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.



E27A99



55AB74



A18FDC

Square

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



55AB74



00A8DE



CD81BF



CF8B56

Rectangle

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



55AB74



00AEB6



CD81BF



E47C7F

Sweetspot

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



55AB74



BDDEC9



8DAB55



5C7063



F0F0F0



707070

Same Dimension

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



55AB74



59DE89



55AB9E



4E5751



009636



001708

Inverse Universe

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



AB558C



DE59AE



AB5562



574E54



960060



17000F

Previews

White Background



This preview shows how the Hex color 55AB74 looks on a white background.

Color Contrast Check

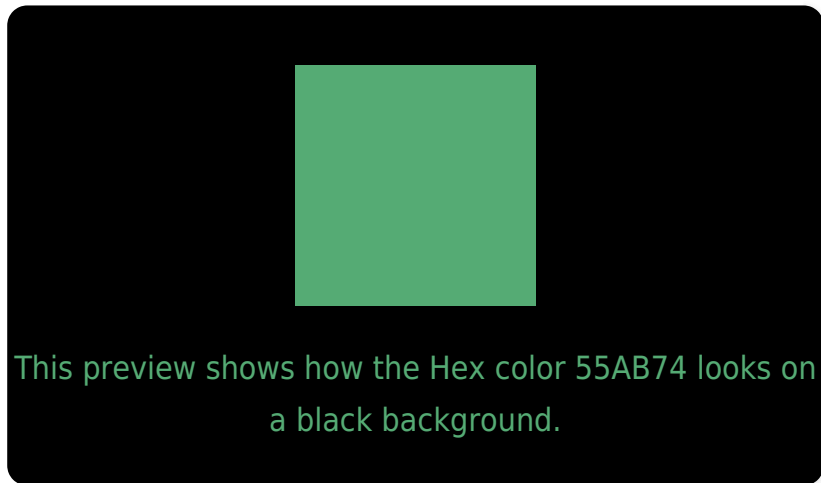
Large Text (above 18pt) WCAG AA × Fail

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

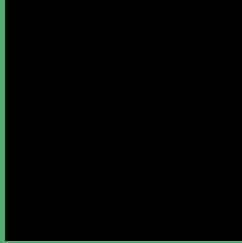
Any Text WCAG AA ✓ Pass

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 55AB74 Background



This preview shows how black text looks on a background with the Hex color 55AB74.

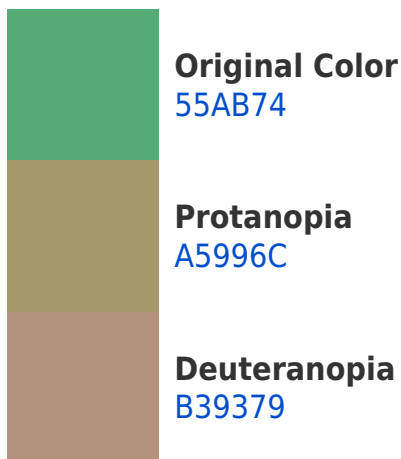


This preview shows how white text looks on a background with the Hex color 55AB74.

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](#).

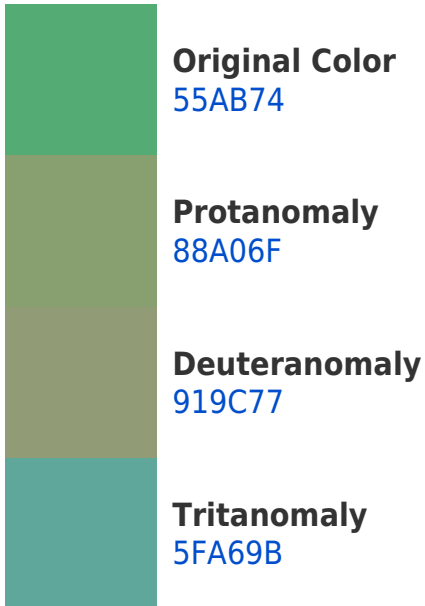
Dichromacy



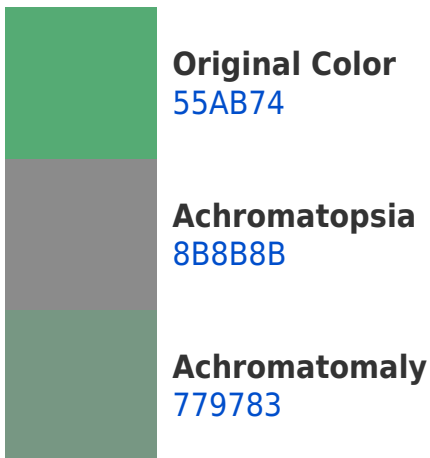


Tritanopia
64A3B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55AB74 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 #55AB74 looks like.

```
.text, #text, p{  
    color:#55AB74  
}
```

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 #55AB74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55AB74
}
```

Border

The CSS property to change the border of an element to Hex 55AB74 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
#55AB74 }
```

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

```
.border{ border-color:#55AB74 }
```

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

Here you see how a box with a 4 pixel #55AB74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55AB74; -webkit-box-shadow:4px 4px  
4px 4px #55AB74; box-shadow:4px 4px 4px  
4px #55AB74 }
```

Background

The CSS property to change the background color of an element to Hex 55AB74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55AB74 }
```

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

```
.background{ background-color:#55AB74 }
```

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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