

# Converting Colors

Hex(54AD75)

Have a look what the booklet for  
Hex(54AD75) contains.

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**Color**

**Hex(54AD75)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54AD75
RGB	84, 173, 117
RGB Percent	33%, 68%, 46%
CMY	0.6706, 0.3216, 0.5412
CMYK	0.51, 0.00, 0.32, 0.32
HSL	142°, 35%, 50%
HSV	142°, 51%, 68%
XYZ	21.8106, 33.0563, 22.0606
YIQ	140.0050, -35.0680, -36.2840

# Conversions

## Conversions Part 2

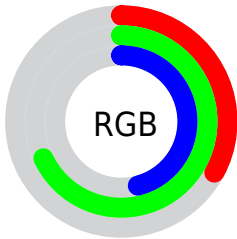
Format	Color
<a href="#">RYB</a>	<a href="#">84, 149, 173</a>
Decimal	<a href="#">5549429</a>
CIELab	<a href="#">64.21, -39.61, 20.82</a>
CIELCh	<a href="#">64, 44.745, 152.270</a>
Yxy	<a href="#">33.0563, 0.2835, 0.4297</a>
Android (android.graphics.Color)	<a href="#">4283739509 (0xFF54AD75)</a>
YUV	<a href="#">140.0050, -11.3415, -49.1164</a>
Hunter-Lab	<a href="#">57.4946, -32.9015, 17.4968</a>

# Details

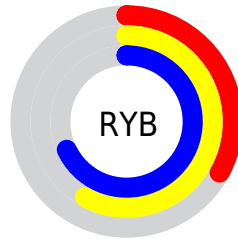
The Hex color **54AD75** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD548C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8BE5A9**, and **177844** is the 20% darker color. If you saturate the color by 10%, you get **43AD6A**, and if you desaturate by 10%, it is **65AD80**.

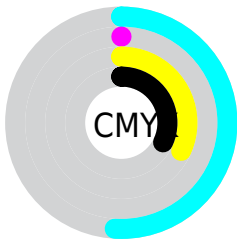
# Distribution



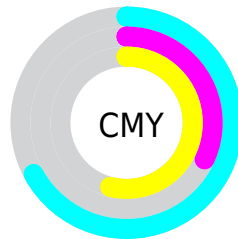
- Red (33%)
- Green (68%)
- Blue (46%)



- Red (33%)
- Yellow (58%)
- Blue (68%)



- Cyan (51%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)



- Cyan (67%)
- Magenta (32%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54AD75 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 54AD75 by changing the saturation by 10% instead.



 54AD75

 54AD75

FFFFFF

 38925C

 8BE5A9

 177844

 A7FFC5

 005E2D

 C4FFE1

 004618

 E1FFFE

 002F00

FEFFFF

 001700

 000000

 54AD75

 54AD75

 43AD6A

 65AD80

 31AD5F

 77AD8B

 20AD54

 88AD96

 0FAD49

 99ADA1

 00AD40

 ABADAB

 BCADB6

 CDADC1

 DEADCC

 F0ADD7

# Harmonies

## Analogous

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



88A656



54AD75



00B09D

# Triad

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



54AD75



5D9FEB



E57F73

# Complementary

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



54AD75



AD548C

# 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.



E57A9A



54AD75



A390DF

# Square

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



54AD75



00A9E2



D081C1



D18C55

# Rectangle

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



54AD75



00B0B9



D081C1



E77C80



# Sweetspot

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



54AD75



BFE0CB



8CAD54



5C7063



F0F0F0



707070



# Same Dimension

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



54AD75



55E089



54ADA1



4E5751



009638



001709



# Inverse Universe

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



AD548C



E055AD



AD5460



574E53



96005F



17000E



# Previews

## White Background



This preview shows how the Hex color 54AD75 looks on a white background.

## Color Contrast Check

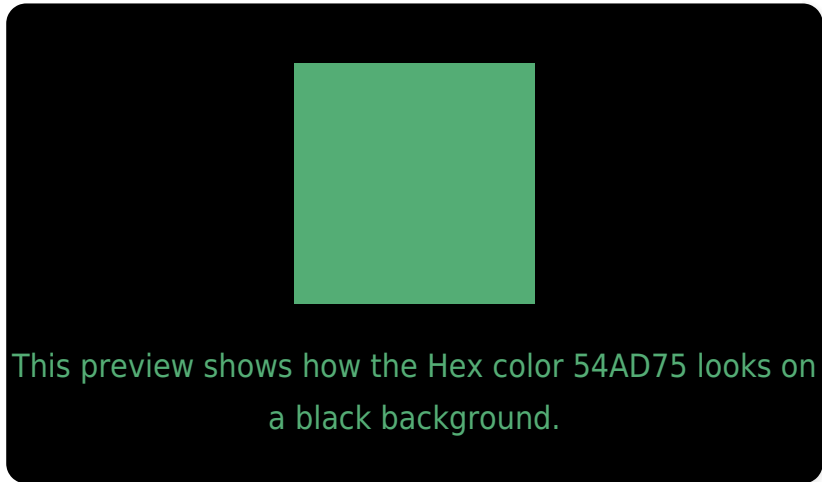
Large Text (above 18pt) WCAG AA × Fail

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

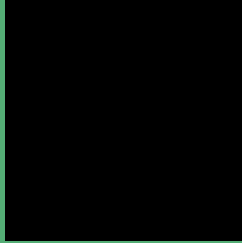
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54AD75 Background



This preview shows how black text looks on a background with the Hex color 54AD75.

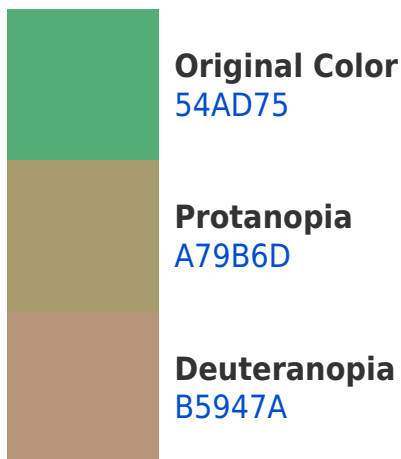


This preview shows how white text looks on a background with the Hex color 54AD75.

# 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](#).

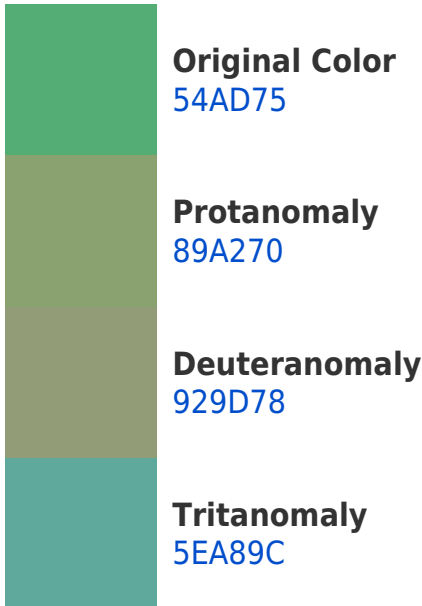
## Dichromacy



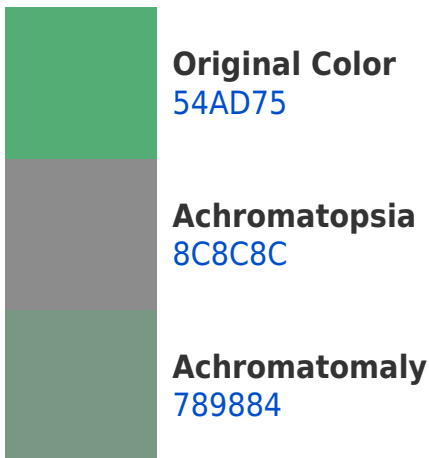


**Tritanopia**  
64A5B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54AD75 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 #54AD75 looks like.

```
.text, #text, p{  
    color:#54AD75  
}
```

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 #54AD75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54AD75
}
```

## Border

The CSS property to change the border of an element to Hex 54AD75 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
#54AD75 }
```

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

```
.border{ border-color:#54AD75 }
```

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

Here you see how a box with a 4 pixel #54AD75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54AD75; -webkit-box-shadow:4px 4px  
4px 4px #54AD75; box-shadow:4px 4px 4px  
4px #54AD75 }
```

# Background

The CSS property to change the background color of an element to Hex 54AD75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54AD75 }
```

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

```
.background{ background-color:#54AD75 }
```

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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