

# Converting Colors

Hex(56A473)

Have a look what the booklet for  
Hex(56A473) contains.

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**Color**

**Hex(56A473)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56A473
RGB	86, 164, 115
RGB Percent	34%, 64%, 45%
CMY	0.6627, 0.3569, 0.5490
CMYK	0.48, 0.00, 0.30, 0.36
HSL	142°, 31%, 49%
HSV	142°, 48%, 64%
XYZ	20.2077, 29.7672, 20.9002
YIQ	135.0920, -30.7590, -31.7750

# Conversions

## Conversions Part 2

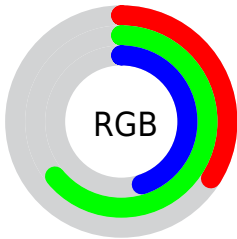
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 143, 164
Decimal	5678195
CIELab	61.45, -35.43, 18.17
CIElCh	61, 39.814, 152.849
Yxy	29.7672, 0.2851, 0.4200
Android (android.graphics.Color)	4283868275 (0xFF56A473)
YUV	135.0920, -9.9054, -43.0537
Hunter-Lab	54.5593, -29.3657, 15.4791

# Details

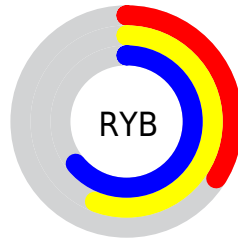
The Hex color **56A473** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A45687**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CDCA7**, and **1E6F43** is the 20% darker color. If you saturate the color by 10%, you get **46A469**, and if you desaturate by 10%, it is **66A47D**.

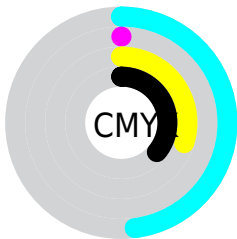
# Distribution



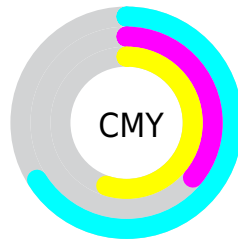
- Red (34%)
- Green (64%)
- Blue (45%)



- Red (34%)
- Yellow (56%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (30%)
- Black (36%)



- Cyan (66%)
- Magenta (36%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56A473 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 56A473 by changing the saturation by 10% instead.



 56A473

 56A473

FFFFFF

 3B895A

 8CDCA7

 1E6F43

 A8F8C2

 00572C

 C4FFDE

 003F17

 E1FFFB

 002800

FEFFFF

 000A00

 000000

 56A473

 56A473

 46A469

 66A47D

 35A45E

 77A488

 25A454

 87A492

 14A44A

 98A49C

 04A43F

 A8A4A7

 00A43D

 B8A4B1

 C9A4BB

 D9A4C5

 EAA4D0

# Harmonies

## Analogous

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



829E57



56A473



01A797

# Triad

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



56A473



6297DA



D57C70

# Complementary

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



56A473



A45687

# 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.



D67892



56A473



9C8AD0

# Square

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



56A473



00A0D2



C37EB5



C48756

# Rectangle

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



56A473



00A6AF



C37EB5



D8797B



# Sweetspot

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



56A473



B8D6C3



87A456



596B60



EBEBEB



6B6B6B



# Same Dimension

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



56A473



5CD689



56A49A



49524C



009136



001207



# Inverse Universe

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



A45687



D65CA9



A45660



52494F



91005B



12000B



# Previews

## White Background



This preview shows how the Hex color 56A473 looks on a white background.

## Color Contrast Check

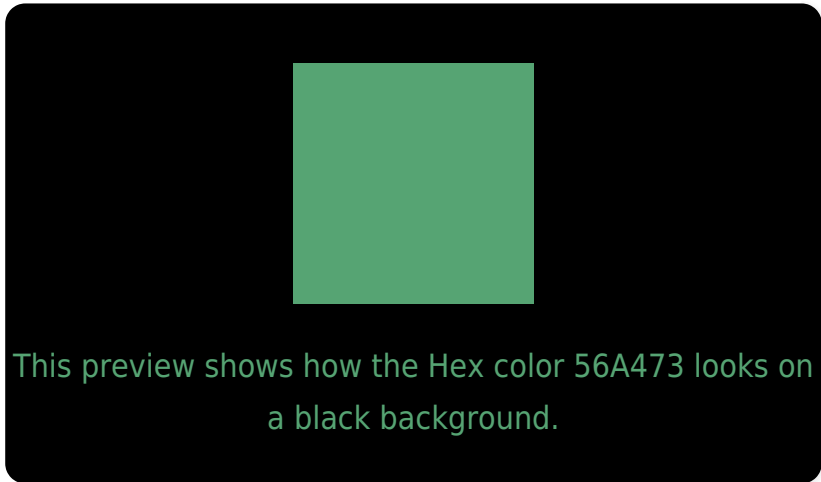
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex 56A473 Background



This preview shows how black text looks on a background with the Hex color 56A473.

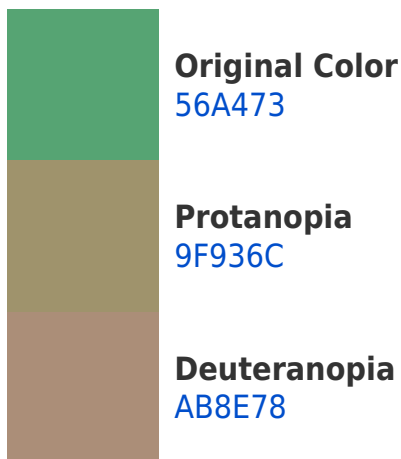


This preview shows how white text looks on a background with the Hex color 56A473.

# 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](#).

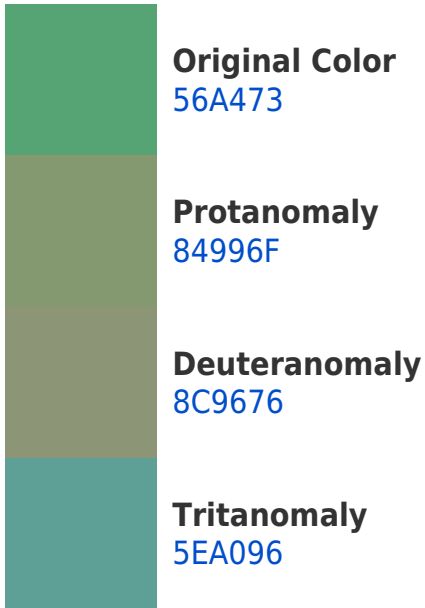
## Dichromacy



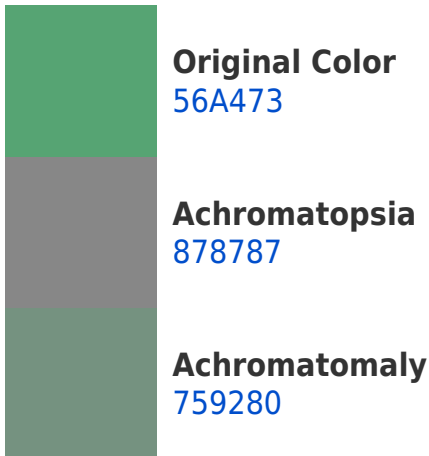


**Tritanopia**  
639DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56A473 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 #56A473 looks like.

```
.text, #text, p{  
    color:#56A473  
}
```

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 #56A473 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A473
}
```

## Border

The CSS property to change the border of an element to Hex 56A473 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
#56A473 }
```

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

```
.border{ border-color:#56A473 }
```

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

Here you see how a box with a 4 pixel #56A473 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A473; -webkit-box-shadow:4px 4px  
4px 4px #56A473; box-shadow:4px 4px 4px  
4px #56A473 }
```

# Background

The CSS property to change the background color of an element to Hex 56A473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A473 }
```

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

```
.background{ background-color:#56A473 }
```

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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