

Converting Colors

Hex(56A874)

Have a look what the booklet for
Hex(56A874) contains.

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Color

Hex(56A874)

Conversions

Conversions Part 1

Format	Color
Hex	56A874
RGB	86, 168, 116
RGB Percent	34%, 66%, 45%
CMY	0.6627, 0.3412, 0.5451
CMYK	0.49, 0.00, 0.31, 0.34
HSL	142°, 32%, 50%
HSV	142°, 49%, 66%
XYZ	20.9928, 31.2447, 21.4474
YIQ	137.5540, -32.1800, -33.5560

Conversions

Conversions Part 2

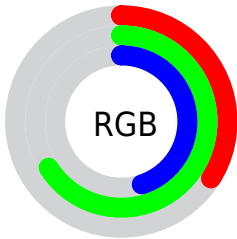
Format	Color
RYB	86, 146, 168
Decimal	5679220
CIELab	62.71, -37.05, 19.34
CIElCh	63, 41.793, 152.427
Yxy	31.2447, 0.2849, 0.4240
Android (android.graphics.Color)	4283869300 (0xFF56A874)
YUV	137.5540, -10.6261, -45.2129
Hunter-Lab	55.8969, -30.7817, 16.3785

Details

The Hex color **56A874** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A8568A**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8CE0A8**, and **1C7343** is the 20% darker color. If you saturate the color by 10%, you get **45A869**, and if you desaturate by 10%, it is **67A87F**.

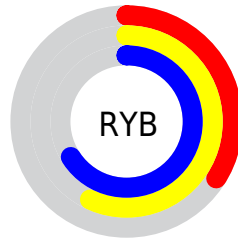
Distribution



Red (34%)

Green (66%)

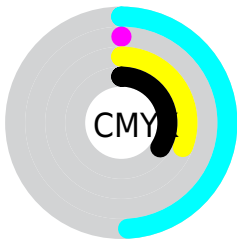
Blue (45%)



Red (34%)

Yellow (57%)

Blue (66%)

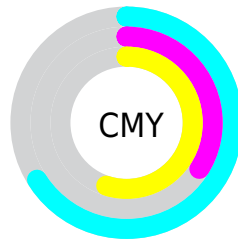


Cyan (49%)

Magenta (0%)

Yellow (31%)

Black (34%)



Cyan (66%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A874 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 56A874 by changing the saturation by 10% instead.

 56A874

 56A874

FFFFFF

 3B8D5B

 8CE0A8

 1C7343

 A8FDC4

 005A2D

 C5FFE0

 004217

 E1FFFC

 002B00

 001100

 000000

 56A874

 56A874

 45A869

 67A87F

 34A85F

 78A889

 24A854

 88A894

 13A849

 99A89F

 02A83F

 AAA8A9

 00A83D

 BBA8B4

 CCA8BF

 DCA8C9

 EDA8D4

Harmonies

Analogous

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



85A157



56A874



00AB9A

Triad

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



56A874



609AE2



DC7E72

Complementary

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



56A874



A8568A

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.



DD7996



56A874



9F8DD6

Square

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



56A874



00A5D9



C880BB



CA8956

Rectangle

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



56A874



00ABB3



C880BB



DE7B7D

Sweetspot

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



56A874



BADBC6



8BA856



5A6E61



EDEDED



6E6E6E

Same Dimension

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



56A874



5ADB89



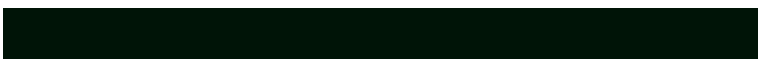
56A89C



4C544F



009436



001407

Inverse Universe

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



A8568A



DB5AAC



A85662



544C51



94005E



14000D

Previews

White Background



This preview shows how the Hex color 56A874 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

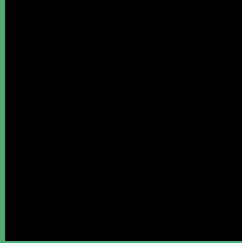
Any Text WCAG AA ✓ Pass

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 56A874 Background



This preview shows how black text looks on a background with the Hex color 56A874.



This preview shows how white text looks on a background with the Hex color 56A874.

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



Original Color
56A874

Protanopia
A2976C

Deuteranopia
B09179

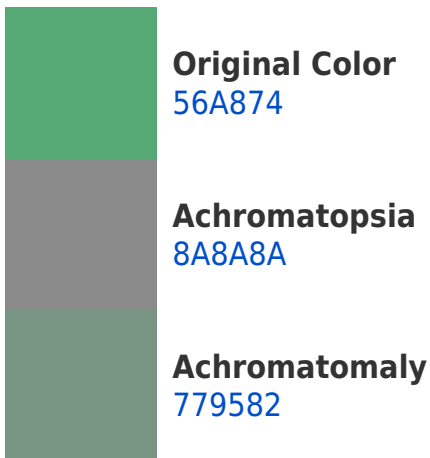


Tritanopia
64A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A874 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 #56A874 looks like.

```
.text, #text, p{  
    color:#56A874  
}
```

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 #56A874 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A874
}
```

Border

The CSS property to change the border of an element to Hex 56A874 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
#56A874 }
```

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

```
.border{ border-color:#56A874 }
```

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

Here you see how a box with a 4 pixel #56A874 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A874; -webkit-box-shadow:4px 4px  
4px 4px #56A874; box-shadow:4px 4px 4px  
4px #56A874 }
```

Background

The CSS property to change the background color of an element to Hex 56A874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A874 }
```

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

```
.background{ background-color:#56A874 }
```

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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