

Converting Colors

Hex(50A472)

Have a look what the booklet for
Hex(50A472) contains.

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Color

Hex(50A472)

Conversions

Conversions Part 1

Format	Color
Hex	50A472
RGB	80, 164, 114
RGB Percent	31%, 64%, 45%
CMY	0.6863, 0.3569, 0.5529
CMYK	0.51, 0.00, 0.30, 0.36
HSL	144°, 34%, 48%
HSV	144°, 51%, 64%
XYZ	19.6210, 29.4713, 20.5740
YIQ	133.1840, -34.0140, -33.3580

Conversions

Conversions Part 2

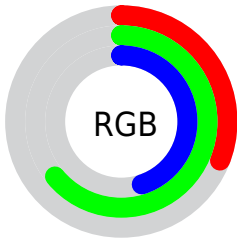
Format	Color
RYB	80, 140, 164
Decimal	5284978
CIELab	61.20, -37.23, 18.33
CIElCh	61, 41.501, 153.791
Yxy	29.4713, 0.2816, 0.4230
Android (android.graphics.Color)	4283475058 (0xFF50A472)
YUV	133.1840, -9.4577, -46.6424
Hunter-Lab	54.2875, -30.4883, 15.5314

Details

The Hex color **50A472** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A45082**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **87DCA6**, and **136F42** is the 20% darker color. If you saturate the color by 10%, you get **40A468**, and if you desaturate by 10%, it is **60A47C**.

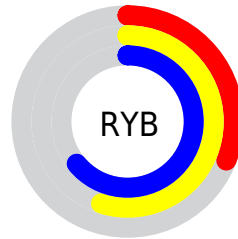
Distribution



Red (31%)

Green (64%)

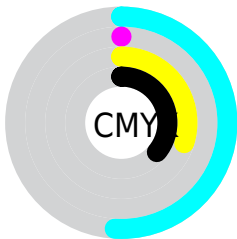
Blue (45%)



Red (31%)

Yellow (55%)

Blue (64%)

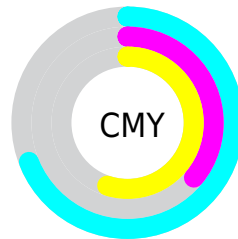


Cyan (51%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A472 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 50A472 by changing the saturation by 10% instead.



50A472



50A472

FFFFFF



348959



87DCA6



136F42



A2F8C1



00562B



BFFFDD



003E16



DBFFFA



002800



F9FFFF



000800



000000



50A472



50A472



40A468



60A47C

 2FA45E

 71A486

 1FA455

 81A48F

 0EA44B

 92A499

 00A442

 A2A4A3

 B2A4AD

 C3A4B6

 D3A4C0

 E4A4CA

Harmonies

Analogous

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



7F9D55



50A472



00A797

Triad

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



50A472



6096DD



D77A6D

Complementary

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



50A472



A45082

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.



D87590



50A472



9D88D1

Square

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



50A472



00A0D5



C57BB5



C48652

Rectangle

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



50A472



00A6B0



C57BB5



D97878

Sweetspot

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



50A472



B6D6C3



82A450



586B60



EBEBEB



6B6B6B

Same Dimension

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



50A472



54D688



50A49C



49524D



00913B



001207

Inverse Universe

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



A45082



D654A1



A45058



52494E



910057



12000B

Previews

White Background



This preview shows how the Hex color 50A472 looks on a white background.

Color Contrast Check

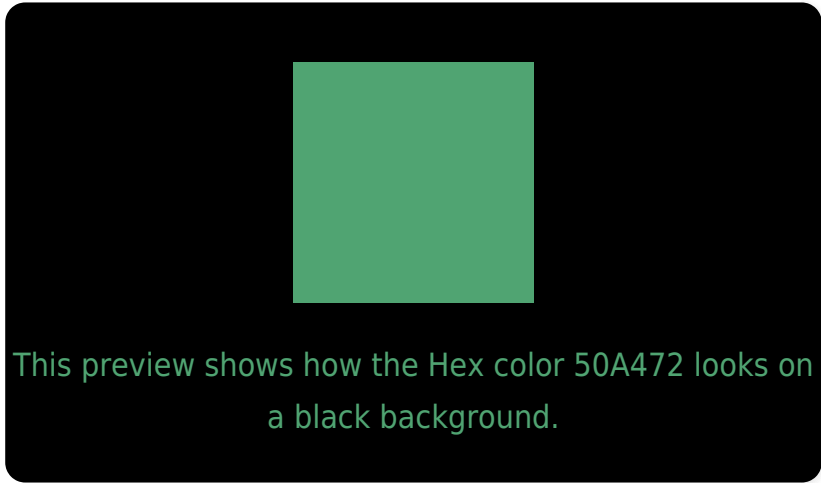
Large Text (above 18pt) WCAG AA ✓ Pass

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 50A472 Background



This preview shows how black text looks on a background with the Hex color 50A472.

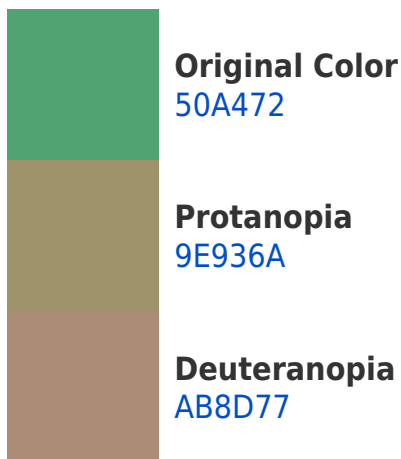


This preview shows how white text looks on a background with the Hex color 50A472.

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

50A472



Protanomaly

82996D



Deuteranomaly

8A9575



Tritanomaly

5AA096

Monochromacy



Original Color

50A472



Achromatopsia

858585



Achromatomaly

72907E

CSS Examples

Text

The CSS property to change the color of the text to Hex 50A472 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 #50A472 looks like.

```
.text, #text, p{  
    color:#50A472  
}
```

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 #50A472 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A472
}
```

Border

The CSS property to change the border of an element to Hex 50A472 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
#50A472 }
```

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

```
.border{ border-color:#50A472 }
```

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

Here you see how a box with a 4 pixel #50A472 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A472; -webkit-box-shadow:4px 4px  
4px 4px #50A472; box-shadow:4px 4px 4px  
4px #50A472 }
```

Background

The CSS property to change the background color of an element to Hex 50A472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A472 }
```

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

```
.background{ background-color:#50A472 }
```

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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