

Converting Colors

Hex(52A768)

Have a look what the booklet for
Hex(52A768) contains.

Hex(52A768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52A768)

Conversions

Conversions Part 1

Format	Color
Hex	52A768
RGB	82, 167, 104
RGB Percent	32%, 65%, 41%
CMY	0.6784, 0.3451, 0.5922
CMYK	0.51, 0.00, 0.38, 0.35
HSL	136°, 34%, 49%
HSV	136°, 51%, 65%
XYZ	19.7971, 30.4307, 17.9270
YIQ	134.4030, -30.4370, -37.6130

Conversions

Conversions Part 2

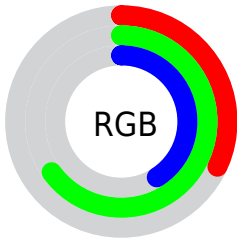
Format	Color
RYB	82, 150, 167
Decimal	5416808
CIELab	62.02, -39.92, 24.91
CIElCh	62, 47.057, 148.042
Yxy	30.4307, 0.2905, 0.4465
Android (android.graphics.Color)	4283606888 (0xFF52A768)
YUV	134.4030, -14.9887, -45.9574
Hunter-Lab	55.1641, -32.4777, 19.3470

Details

The Hex color **52A768** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A75291**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **89DF9C**, and **157238** is the 20% darker color. If you saturate the color by 10%, you get **41A75C**, and if you desaturate by 10%, it is **63A774**.

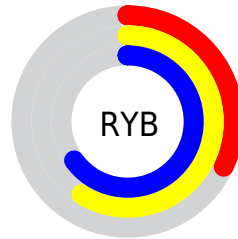
Distribution



Red (32%)

Green (65%)

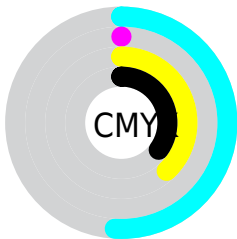
Blue (41%)



Red (32%)

Yellow (59%)

Blue (65%)

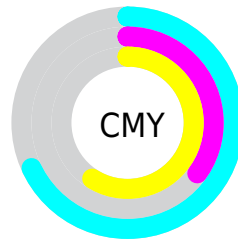


Cyan (51%)

Magenta (0%)

Yellow (38%)

Black (35%)



Cyan (68%)

Magenta (35%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52A768 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 52A768 by changing the saturation by 10% instead.



52A768



52A768

FFFFFF



368C4F



89DF9C



157238



A5FCB7



005921



C1FFD3



00410B



DEFFEF



002A00



FBFFFF



000D00



000000



52A768



52A768



41A75C



63A774

 31A74F

 73A781

 20A743

 84A78D

 0FA736

 95A79A

 00A72B

 A5A7A6

 B6A7B2

 C7A7BF

 D8A7CB

 E8A7D7

Harmonies

Analogous

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



879F49



52A768



00AB92

Triad

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



52A768



3F9BE9



E37671

Complementary

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



52A768



A75291

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.



E0739A



52A768



948CE0

Square

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



52A768



00A5DC



C77CC3



D18350

Rectangle

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



52A768



00ABAE



C77CC3



E4737E

Sweetspot

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



52A768



B8D9C1



92A752



5A6E5F



EDEDED



6E6E6E

Same Dimension

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



52A768



55D977



52A792



4C544E



009426



001405

Inverse Universe

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



A75291



D955B7



A75267



544C52



94006E



14000F

Previews

White Background



This preview shows how the Hex color 52A768 looks on a white background.

Color Contrast Check

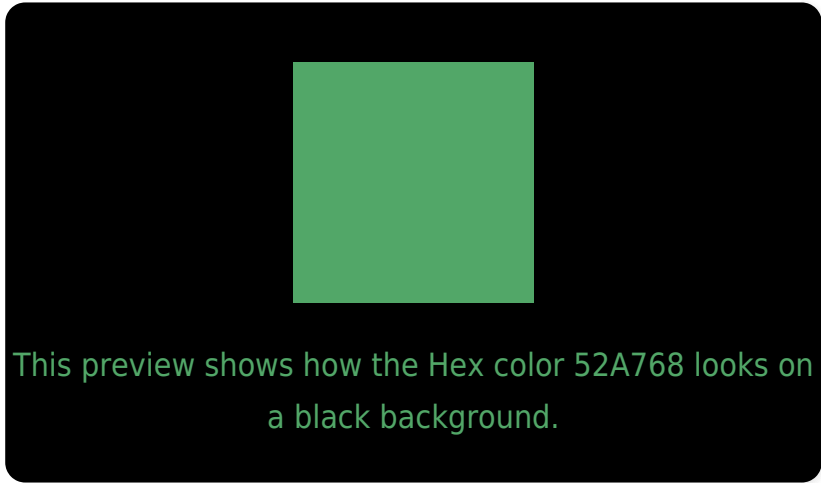
Large Text (above 18pt) WCAG AA × Fail

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

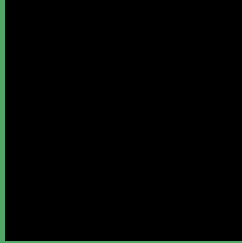
Any Text WCAG AA ✓ Pass

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 52A768 Background



This preview shows how black text looks on a background with the Hex color 52A768.



This preview shows how white text looks on a background with the Hex color 52A768.

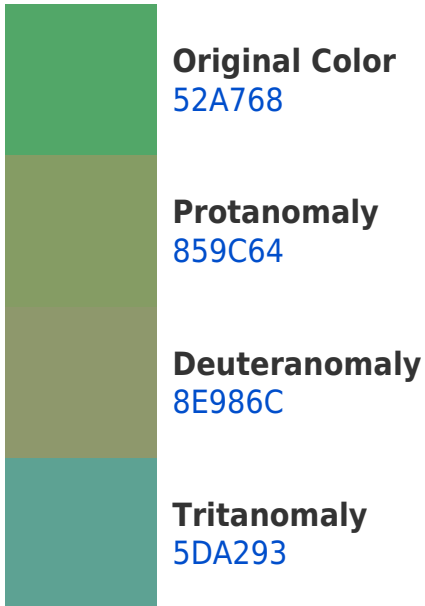
Color Blindness Simulation

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](#).

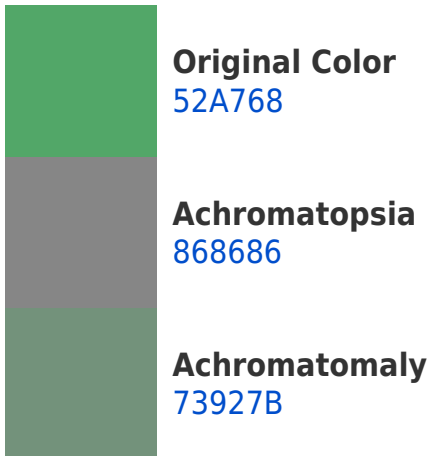
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52A768 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 #52A768 looks like.

```
.text, #text, p{  
    color:#52A768  
}
```

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 #52A768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A768
}
```

Border

The CSS property to change the border of an element to Hex 52A768 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
#52A768 }
```

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

```
.border{ border-color:#52A768 }
```

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

Here you see how a box with a 4 pixel #52A768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A768; -webkit-box-shadow:4px 4px  
4px 4px #52A768; box-shadow:4px 4px 4px  
4px #52A768 }
```

Background

The CSS property to change the background color of an element to Hex 52A768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A768 }
```

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

```
.background{ background-color:#52A768 }
```

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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