

Converting Colors

Hex(52AA73)

Have a look what the booklet for
Hex(52AA73) contains.

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Color

Hex(52AA73)

Conversions

Conversions Part 1

Format	Color
Hex	52AA73
RGB	82, 170, 115
RGB Percent	32%, 67%, 45%
CMY	0.6784, 0.3333, 0.5490
CMYK	0.52, 0.00, 0.32, 0.33
HSL	142°, 35%, 49%
HSV	142°, 52%, 67%
XYZ	20.9489, 31.7811, 21.2499
YIQ	137.4180, -34.7930, -35.7610

Conversions

Conversions Part 2

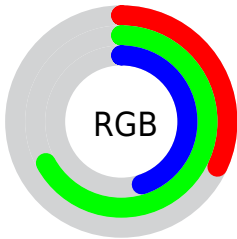
Format	Color
RYB	82, 146, 170
Decimal	5417587
CIELab	63.16, -39.19, 20.48
CIElCh	63, 44.214, 152.413
Yxy	31.7811, 0.2832, 0.4296
Android (android.graphics.Color)	4283607667 (0xFF52AA73)
YUV	137.4180, -11.0521, -48.6016
Hunter-Lab	56.3747, -32.3250, 17.1135

Details

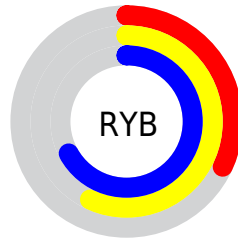
The Hex color **52AA73** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA5289**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **89E2A7**, and **147542** is the 20% darker color. If you saturate the color by 10%, you get **41AA68**, and if you desaturate by 10%, it is **63AA7E**.

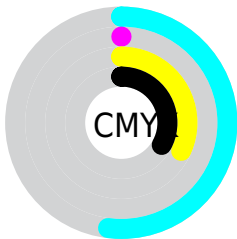
Distribution



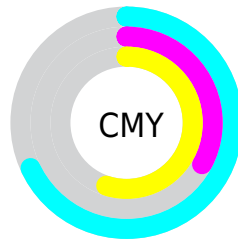
- Red (32%)
- Green (67%)
- Blue (45%)



- Red (32%)
- Yellow (57%)
- Blue (67%)



- Cyan (52%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)



- Cyan (68%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52AA73 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 52AA73 by changing the saturation by 10% instead.

■ 52AA73

■ 52AA73

FFFFFF

■ 368F5A

■ 89E2A7

■ 147542

■ A5FFC3

■ 005C2C

■ C1FFDF

■ 004316

■ DEFFFB

■ 002D00

■ FCFFFF

■ 001300

■ 000000

■ 52AA73

■ 52AA73

■ 41AA68

■ 63AA7E

 30AA5E

 74AA88

 1FAA53

 85AA93

 0EAA49

 96AA9D

 00AA40

 A7AAA8

 B8AAB3

 C9AABD

 DAAAC8

 EBAAD3

Harmonies

Analogous

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



85A354



52AA73



00AD9B

Triad

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



52AA73



5C9CE7



E17D71

Complementary

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



52AA73



AA5289

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.



E17897



52AA73



A08DDB

Square

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



52AA73



00A6DE



CC7FBE



CE8A54

Rectangle

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



52AA73



00ADB6



CC7FBE



E37A7D

Sweetspot

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



52AA73



BADEC8



8AAA52



5B7063



F0F0F0



707070

Same Dimension

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



52AA73



54DE88



52AA9E



4C544F



009437



001408

Inverse Universe

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



AA5289



DE54AA



AA525E



544C51



94005C



14000D

Previews

White Background



This preview shows how the Hex color 52AA73 looks on a white background.

Color Contrast Check

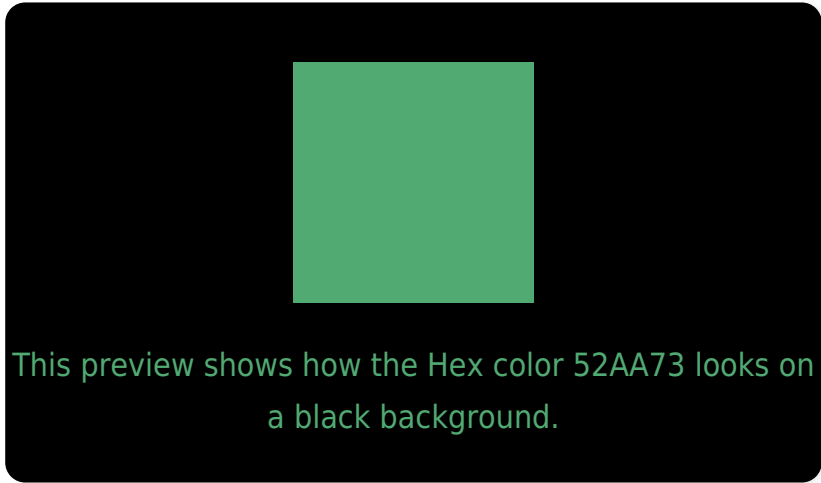
Large Text (above 18pt) WCAG AA × Fail

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 52AA73 Background



This preview shows how black text looks on a background with the Hex color 52AA73.



This preview shows how white text looks on a background with the Hex color 52AA73.

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



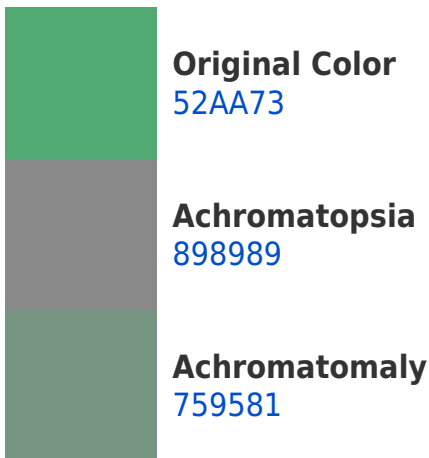


Tritanopia
62A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52AA73 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 #52AA73 looks like.

```
.text, #text, p{  
    color:#52AA73  
}
```

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 #52AA73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52AA73
}
```

Border

The CSS property to change the border of an element to Hex 52AA73 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
#52AA73 }
```

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

```
.border{ border-color:#52AA73 }
```

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

Here you see how a box with a 4 pixel #52AA73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52AA73; -webkit-box-shadow:4px 4px  
4px 4px #52AA73; box-shadow:4px 4px 4px  
4px #52AA73 }
```

Background

The CSS property to change the background color of an element to Hex 52AA73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52AA73 }
```

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

```
.background{ background-color:#52AA73 }
```

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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