

Converting Colors

Hex(52A753)

Have a look what the booklet for
Hex(52A753) contains.

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Color

Hex(52A753)

Conversions

Conversions Part 1

Format	Color
Hex	52A753
RGB	82, 167, 83
RGB Percent	32%, 65%, 33%
CMY	0.6784, 0.3451, 0.6745
CMYK	0.51, 0.00, 0.50, 0.35
HSL	121°, 34%, 49%
HSV	121°, 51%, 65%
XYZ	18.8597, 30.0558, 12.9910
YIQ	132.0090, -23.6960, -44.1440

Conversions

Conversions Part 2

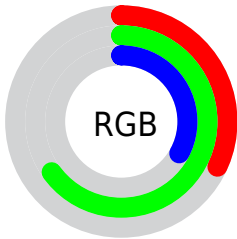
Format	Color
RYB	82, 166, 167
Decimal	5416787
CIELab	61.70, -43.29, 35.51
CIELCh	62, 55.992, 140.639
Yxy	30.0558, 0.3046, 0.4855
Android (android.graphics.Color)	4283606867 (0xFF52A753)
YUV	132.0090, -24.1614, -43.8579
Hunter-Lab	54.8232, -34.5348, 24.3268

Details

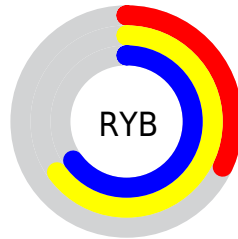
The Hex color **52A753** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A752A6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **89DF86**, and **137222** is the 20% darker color. If you saturate the color by 10%, you get **41A742**, and if you desaturate by 10%, it is **63A764**.

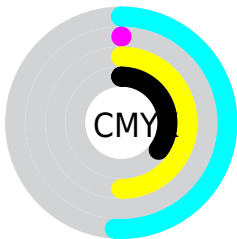
Distribution



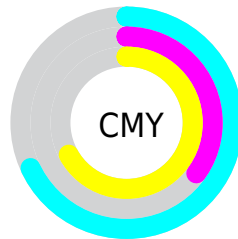
- Red (32%)
- Green (65%)
- Blue (33%)



- Red (32%)
- Yellow (65%)
- Blue (65%)



- Cyan (51%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)



- Cyan (68%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52A753 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 52A753 by changing the saturation by 10% instead.

 52A753

 52A753

FFFFFF

 368C3A

 89DF86

 137222

 A5FCA1

 005908

 C2FFBC

 004000

 DFFFD8

 002B00

 FCFFF5

 000C00

 000000

 52A753

 52A753

 41A742

 63A764

 31A732

 73A774

 20A721

 84A785

 0FA711

 95A795

 00A702

 A5A7A6

 B6A7B6

 C7A7C7

 D8A7D7

 E8A7E8

Harmonies

Analogous

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



8F9D30



52A753



00AC83

Triad

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



52A753



009FF7



F06A75

Complementary

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



52A753



A752A6

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.



E76AA7



52A753



7B8EF2

Square

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



52A753



00A9E1



C279D5



DF7A49

Rectangle

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



52A753



00ADA6



C279D5



F06885

Sweetspot

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



52A753



B8D9B9



A7A752



5A6E5A



EDEDED



6E6E6E

Same Dimension

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



52A753



55D956



52A77C



4C544C



009402



001400

Inverse Universe

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



A752A6



D955D7



A7527C



544C54



940092



140014

Previews

White Background



This preview shows how the Hex color 52A753 looks on a white background.

Color Contrast Check

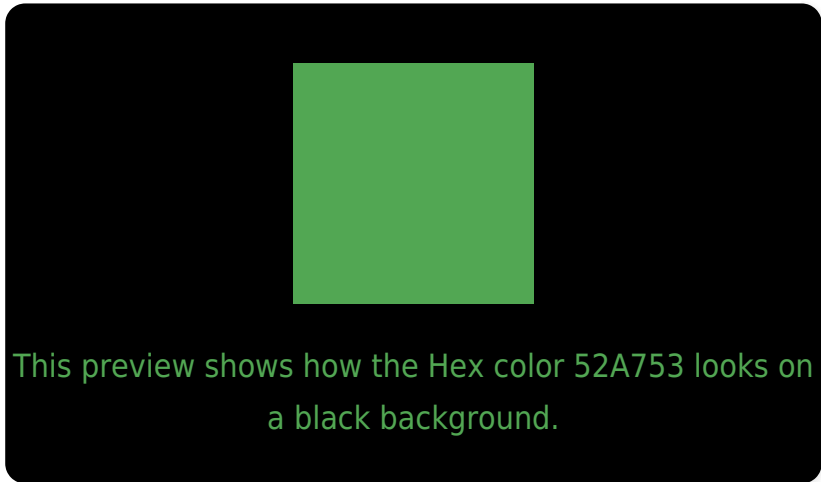
Large Text (above 18pt) WCAG AA ✓ Pass

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

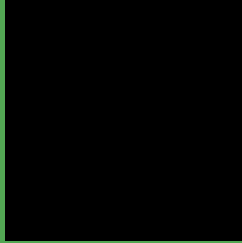
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 52A753 Background



This preview shows how black text looks on a background with the Hex color 52A753.

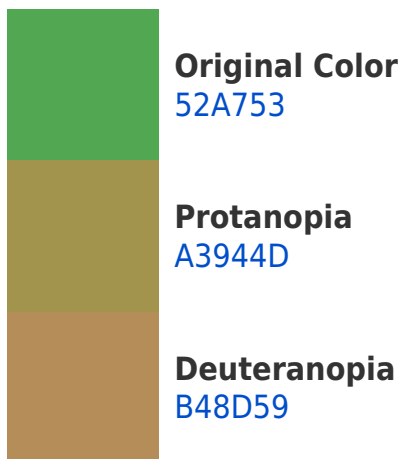


This preview shows how white text looks on a background with the Hex color 52A753.

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



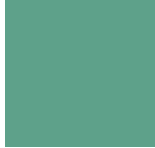
Original Color
52A753



Protanomaly
869B4F



Deuteranomaly
909657



Tritanomaly
5EA18A

Monochromacy



Original Color
52A753



Achromatopsia
848484



Achromatomaly
729172

CSS Examples

Text

The CSS property to change the color of the text to Hex 52A753 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 #52A753 looks like.

```
.text, #text, p{  
    color:#52A753  
}
```

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 #52A753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A753
}
```

Border

The CSS property to change the border of an element to Hex 52A753 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
#52A753 }
```

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

```
.border{ border-color:#52A753 }
```

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

Here you see how a box with a 4 pixel #52A753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A753; -webkit-box-shadow:4px 4px  
4px 4px #52A753; box-shadow:4px 4px 4px  
4px #52A753 }
```

Background

The CSS property to change the background color of an element to Hex 52A753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A753 }
```

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

```
.background{ background-color:#52A753 }
```

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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