

Converting Colors

Hex(52A353)

Have a look what the booklet for
Hex(52A353) contains.

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Color

Hex(52A353)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 52A353 |
| RGB | 82, 163, 83 |
| RGB Percent | 32%, 64%, 33% |
| CMY | 0.6784, 0.3608, 0.6745 |
| CMYK | 0.50, 0.00, 0.49, 0.36 |
| HSL | 121°, 33%, 48% |
| HSV | 121°, 50%, 64% |
| XYZ | 18.1382, 28.6128, 12.7504 |
| YIQ | 129.6610, -22.5960, -42.0520 |

Conversions

Conversions Part 2

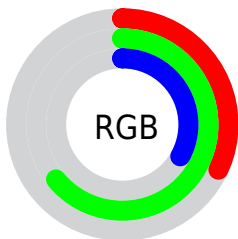
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 82, 162, 163 |
| Decimal | 5415763 |
| CIELab | 60.44, -41.61, 33.94 |
| CIELCh | 60, 53.699, 140.796 |
| Yxy | 28.6128, 0.3048, 0.4809 |
| Android (android.graphics.Color) | 4283605843 (0xFF52A353) |
| YUV | 129.6610, -23.0039, -41.7987 |
| Hunter-Lab | 53.4909, -33.0816, 23.3109 |

Details

The Hex color **52A353** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A352A2**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **89DB86**, and **166E23** is the 20% darker color. If you saturate the color by 10%, you get **42A343**, and if you desaturate by 10%, it is **62A363**.

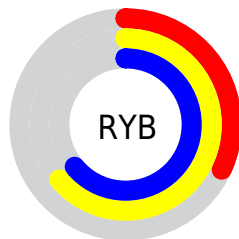
Distribution



Red (32%)

Green (64%)

Blue (33%)



Red (32%)

Yellow (64%)

Blue (64%)

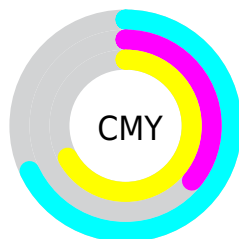


Cyan (50%)

Magenta (0%)

Yellow (49%)

Black (36%)



Cyan (68%)

Magenta (36%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52A353 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 52A353 by changing the saturation by 10% instead.



52A353



52A353

FFFFFF



36883B



89DB86



166E23



A5F7A1



005509



C1FFBC



003D00



DEFFD8



002800



FBFFF5



000300



000000



52A353



52A353



42A343



62A363

 31A333

 73A373

 21A323

 83A383

 11A313

 93A393

 01A303

 A4A3A3

 00A302

 B4A3B4

 C4A3C4

 D4A3D4

 E5A3E4

Harmonies

Analogous

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



8C9932



52A353



00A881

Triad

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



52A353



009BEF



E96973

Complementary

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



52A353



A352A2

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.



E169A2



52A353



7A8BEA

Square

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



52A353



00A5DA



BD77CE



D97849

Rectangle

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



52A353



00A9A2



BD77CE



E96782

Sweetspot

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



52A353



B4D4B4



A3A352



586B58



EBEBEB



6B6B6B

Same Dimension

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



52A353



55D456



52A37B



49524A



009102



001200

Inverse Universe

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



A352A2



D455D2



A3527B



524951



910090



120012

Previews

White Background



This preview shows how the Hex color 52A353 looks on a white background.

Color Contrast Check

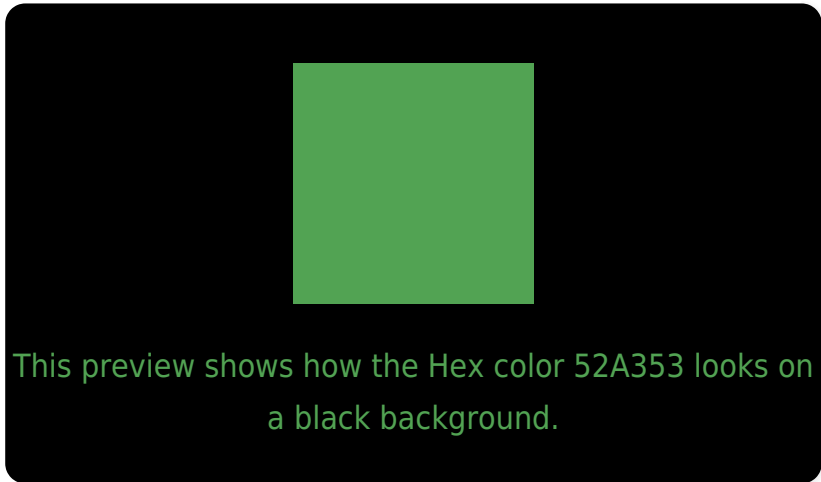
Large Text (above 18pt) WCAG AA ✓ Pass

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 52A353 Background



This preview shows how black text looks on a background with the Hex color 52A353.



This preview shows how white text looks on a background with the Hex color 52A353.

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](#).

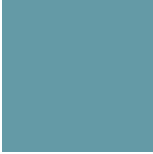
Dichromacy



Original Color
52A353

Protanopia
A0914D

Deuteranopia
AF8A59



Tritanopia
649AA6

Trichromacy



Original Color
52A353



Protanomaly
84984F



Deuteranomaly
8D9357



Tritanomaly
5D9D88

Monochromacy



Original Color
52A353



Achromatopsia
828282



Achromatomaly
718E71

CSS Examples

Text

The CSS property to change the color of the text to Hex 52A353 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 #52A353 looks like.

```
.text, #text, p{  
    color:#52A353  
}
```

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 #52A353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52A353
}
```

Border

The CSS property to change the border of an element to Hex 52A353 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
#52A353 }
```

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

```
.border{ border-color:#52A353 }
```

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

Here you see how a box with a 4 pixel #52A353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52A353; -webkit-box-shadow:4px 4px  
4px 4px #52A353; box-shadow:4px 4px 4px  
4px #52A353 }
```

Background

The CSS property to change the background color of an element to Hex 52A353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52A353 }
```

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

```
.background{ background-color:#52A353 }
```

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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