

Converting Colors

Hex(53A653)

Have a look what the booklet for
Hex(53A653) contains.

Hex(53A653)	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(53A653)

Conversions

Conversions Part 1

Format	Color
Hex	53A653
RGB	83, 166, 83
RGB Percent	33%, 65%, 33%
CMY	0.6745, 0.3490, 0.6745
CMYK	0.50, 0.00, 0.50, 0.35
HSL	120°, 33%, 49%
HSV	120°, 50%, 65%
XYZ	18.7648, 29.7360, 12.9342
YIQ	131.7210, -22.8250, -43.4090

Conversions

Conversions Part 2

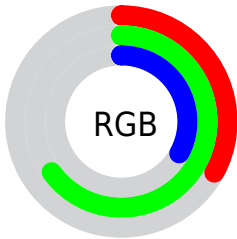
Format	Color
RYB	83, 166, 166
Decimal	5482067
CIELab	61.43, -42.59, 35.18
CIElCh	61, 55.238, 140.445
Yxy	29.7360, 0.3054, 0.4840
Android (android.graphics.Color)	4283672147 (0xFF53A653)
YUV	131.7210, -24.0195, -42.7283
Hunter-Lab	54.5307, -34.0042, 24.1084

Details

The Hex color **53A653** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A653A6**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8ADE86**, and **167122** is the 20% darker color. If you saturate the color by 10%, you get **42A642**, and if you desaturate by 10%, it is **64A664**.

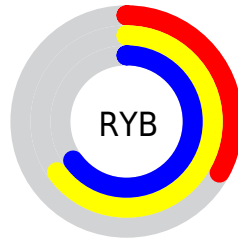
Distribution



Red (33%)

Green (65%)

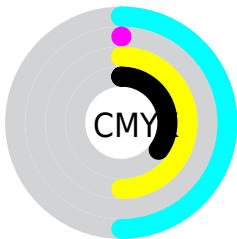
Blue (33%)



Red (33%)

Yellow (65%)

Blue (65%)

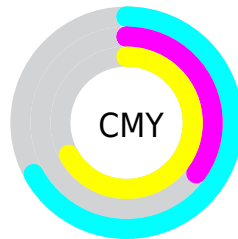


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (35%)



Cyan (67%)

Magenta (35%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A653 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 53A653 by changing the saturation by 10% instead.

 53A653

 53A653

FFFFFF

 378B3B

 8ADE86

 167122

 A6FBA1

 005808

 C2FFBC

 004000

 DFFFD8

 002A00

 FDFFF5

 000A00

 000000

 53A653

 53A653

 42A642

 64A664

 32A632

 74A674

 21A621

 85A685

 11A611

 95A695

 00A600

 A6A6A6

 B7A6B7

 C7A6C7

 D8A6D8

 E8A6E8

Harmonies

Analogous

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



8E9C31



53A653



00AB82

Triad

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



53A653



009EF5



EE6A75

Complementary

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



53A653



A653A6

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.



E66AA6



53A653



7A8EF0

Square

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



53A653



00A8DF



C179D3



DE794A

Rectangle

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



53A653



00ACA5



C179D3



EE6885

Sweetspot

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



53A653



B8D9B8



A6A653



5A6E5A



EDEDED



6E6E6E

Same Dimension

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



53A653



57D957



53A67C



4C544C



009400



001400

Inverse Universe

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



A653A6



D957D9



A6537C



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 53A653 looks on a white background.

Color Contrast Check

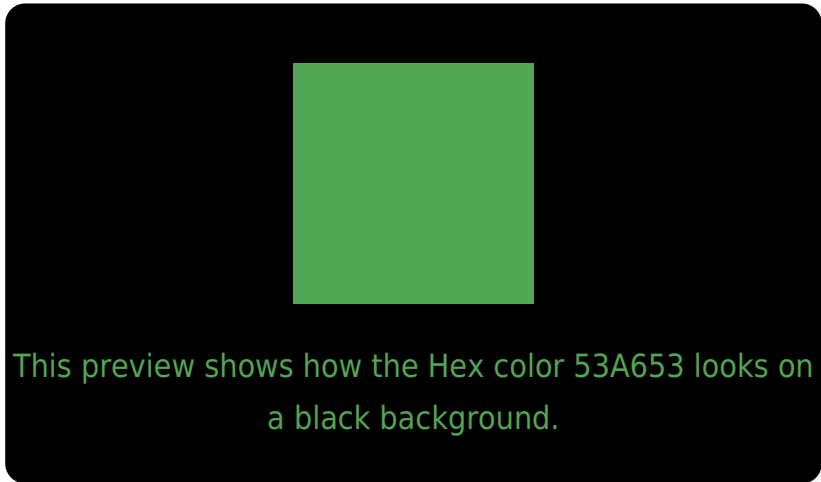
Large Text (above 18pt) WCAG AA ✓ Pass

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

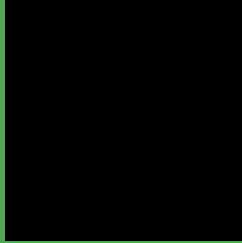
Any Text WCAG AA ✓ Pass

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 53A653 Background



This preview shows how black text looks on a background with the Hex color 53A653.

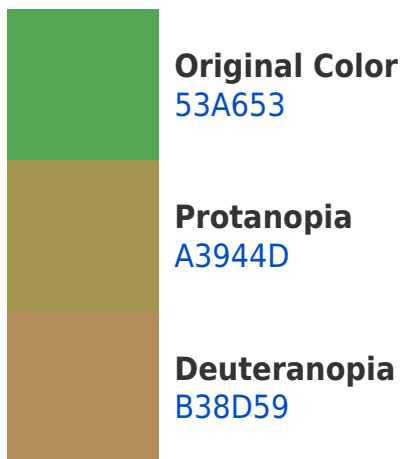


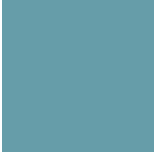
This preview shows how white text looks on a background with the Hex color 53A653.

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
669DA9

Trichromacy



Original Color
53A653



Protanomaly
869B4F



Deuteranomaly
909657



Tritanomaly
5FA08A

Monochromacy



Original Color
53A653



Achromatopsia
848484



Achromatomaly
729072

CSS Examples

Text

The CSS property to change the color of the text to Hex 53A653 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 #53A653 looks like.

```
.text, #text, p{  
    color:#53A653  
}
```

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 #53A653 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A653
}
```

Border

The CSS property to change the border of an element to Hex 53A653 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
#53A653 }
```

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

```
.border{ border-color:#53A653 }
```

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

Here you see how a box with a 4 pixel #53A653 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A653; -webkit-box-shadow:4px 4px  
4px 4px #53A653; box-shadow:4px 4px 4px  
4px #53A653 }
```

Background

The CSS property to change the background color of an element to Hex 53A653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A653 }
```

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

```
.background{ background-color:#53A653 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor