

Converting Colors

Hex(53A358)

Have a look what the booklet for
Hex(53A358) contains.

Hex(53A358)	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(53A358)

Conversions

Conversions Part 1

Format	Color
Hex	53A358
RGB	83, 163, 88
RGB Percent	33%, 64%, 35%
CMY	0.6745, 0.3608, 0.6549
CMYK	0.49, 0.00, 0.46, 0.36
HSL	124°, 33%, 48%
HSV	124°, 49%, 64%
XYZ	18.4259, 28.7380, 13.8084
YIQ	130.5300, -23.6050, -40.2850

Conversions

Conversions Part 2

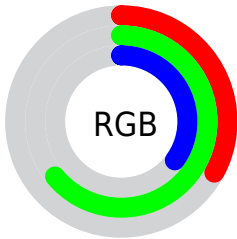
Format	Color
RYB	83, 158, 163
Decimal	5481304
CIELab	60.55, -40.58, 31.50
CIELCh	61, 51.368, 142.178
Yxy	28.7380, 0.3022, 0.4713
Android (android.graphics.Color)	4283671384 (0xFF53A358)
YUV	130.5300, -20.9673, -41.6838
Hunter-Lab	53.6078, -32.4601, 22.2535

Details

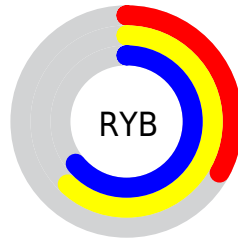
The Hex color **53A358** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3539E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8ADB8B**, and **186E28** is the 20% darker color. If you saturate the color by 10%, you get **43A349**, and if you desaturate by 10%, it is **63A367**.

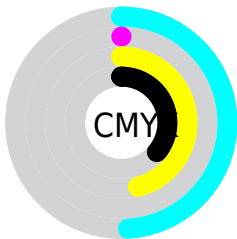
Distribution



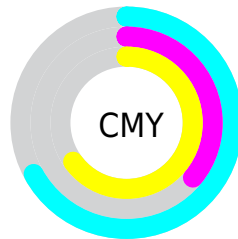
- Red (33%)
- Green (64%)
- Blue (35%)



- Red (33%)
- Yellow (62%)
- Blue (64%)



- Cyan (49%)
- Magenta (0%)
- Yellow (46%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A358 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 53A358 by changing the saturation by 10% instead.



53A358



53A358

FFFFFF



378840



8ADB8B



186E28



A5F7A6



005510



C2FFC1



003D00



DEFFDD



002800



FCFFFA



000400



000000



53A358



53A358



43A349



63A367

 32A339

 74A377

 22A32A

 84A386

 12A31B

 94A395

 01A30C

 A5A3A4

 00A30A

 B5A3B4

 C5A3C3

 D5A3D2

 E6A3E2

Harmonies

Analogous

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



8A9A39



53A358



00A884

Triad

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



53A358



009AEC



E56C72

Complementary

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



53A358



A3539E

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.



DF6BA0



53A358



808BE6

Square

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



53A358



00A4D9



BE78CA



D67A4B

Rectangle

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



53A358



00A9A4



BE78CA



E66A81

Sweetspot

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



53A358



B4D4B6



9FA353



586B59



EBEBEB



6B6B6B

Same Dimension

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



53A358



57D45F



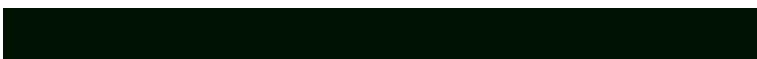
53A37F



49524A



009109



001201

Inverse Universe

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



A3539E



D457CC



A35377



524951



910088



120011

Previews

White Background



This preview shows how the Hex color 53A358 looks on a white background.

Color Contrast Check

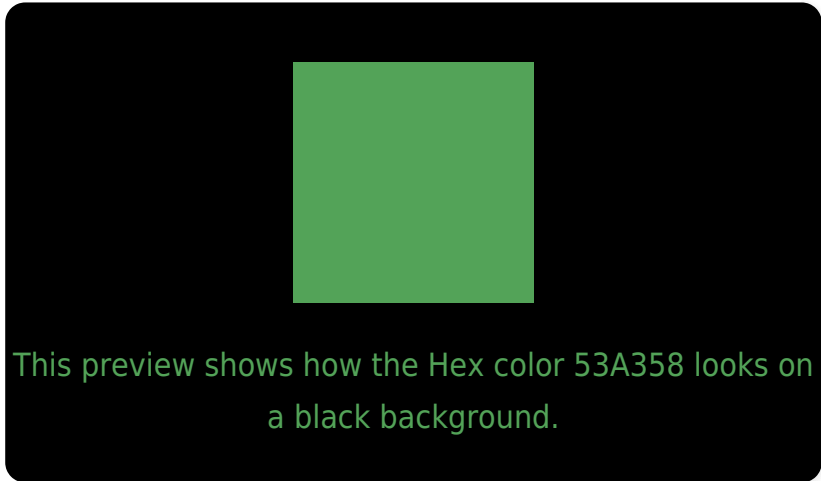
Large Text (above 18pt) WCAG AA ✓ Pass

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 53A358 Background



This preview shows how black text looks on a background with the Hex color 53A358.

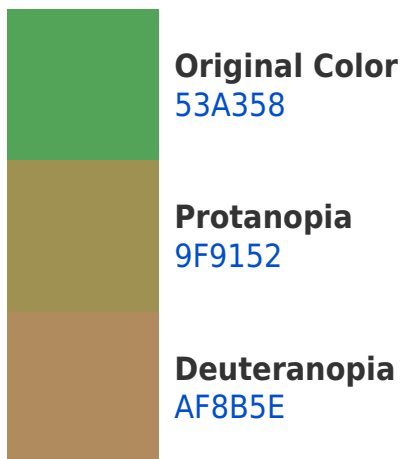


This preview shows how white text looks on a background with the Hex color 53A358.

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](#).

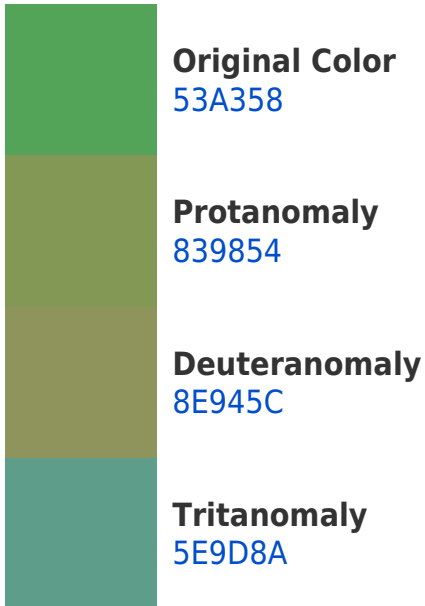
Dichromacy





Tritanopia
649AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53A358 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 #53A358 looks like.

```
.text, #text, p{  
    color:#53A358  
}
```

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 #53A358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A358
}
```

Border

The CSS property to change the border of an element to Hex 53A358 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
#53A358 }
```

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

```
.border{ border-color:#53A358 }
```

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

Here you see how a box with a 4 pixel #53A358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A358; -webkit-box-shadow:4px 4px  
4px 4px #53A358; box-shadow:4px 4px 4px  
4px #53A358 }
```

Background

The CSS property to change the background color of an element to Hex 53A358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A358 }
```

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

```
.background{ background-color:#53A358 }
```

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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