

Converting Colors

Hex(558638)

Have a look what the booklet for
Hex(558638) contains.

Hex(558638)	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(558638)

Conversions

Conversions Part 1

Format	Color
Hex	558638
RGB	85, 134, 56
RGB Percent	33%, 53%, 22%
CMY	0.6667, 0.4745, 0.7804
CMYK	0.37, 0.00, 0.58, 0.47
HSL	98°, 41%, 37%
HSV	98°, 58%, 53%
XYZ	12.9852, 19.2670, 6.7759
YIQ	110.4570, -4.1660, -34.6460

Conversions

Conversions Part 2

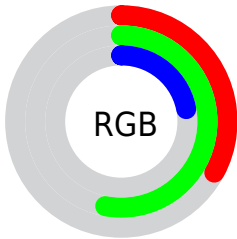
Format	Color
RYB	56, 134, 105
Decimal	5604920
CIELab	51.00, -31.27, 36.26
CIELCh	51, 47.878, 130.773
Yxy	19.2670, 0.3327, 0.4937
Android (android.graphics.Color)	4283795000 (0xFF558638)
YUV	110.4570, -26.8473, -22.3258
Hunter-Lab	43.8942, -24.0092, 21.5734

Details

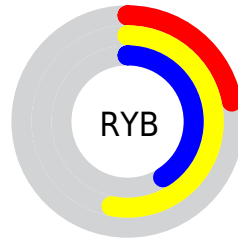
The Hex color **558638** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **693886**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8ABC6A**, and **215405** is the 20% darker color. If you saturate the color by 10%, you get **4D862B**, and if you desaturate by 10%, it is **5D8645**.

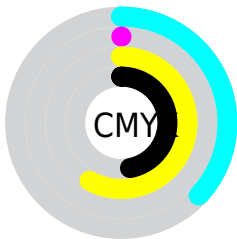
Distribution



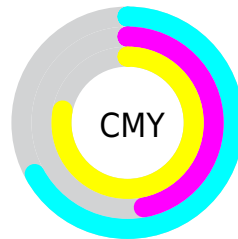
- Red (33%)
- Green (53%)
- Blue (22%)



- Red (22%)
- Yellow (53%)
- Blue (41%)



- Cyan (37%)
- Magenta (0%)
- Yellow (58%)
- Black (47%)



- Cyan (67%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558638 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 558638 by changing the saturation by 10% instead.



558638



558638

FFFFFF



3B6C20



8ABC6A



215405



A5D783



073C00



C1F49E



002600



D0FFB9



000700



FAFFD5



000000



FFFFFF2



558638



558638



4D862B



5D8645

 44861D

 668653

 3C8610

 6E8660

 338602

 77866E

 328600

 7F867B

 888688

 908696

 9886A3

 A186B1

Harmonies

Analogous

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



827C22



558638



008C5D

Triad

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



558638



0085C6



C4546C

Complementary

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



558638



693886

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.



B65995



558638



4779CA

Square

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



558638



008CAE



8F68B8



BD5E46

Rectangle

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



558638



008D79



8F68B8



C2547A

Sweetspot

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



558638



9BAD90



866838



4C5745



D6D6D6



575757

Same Dimension

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



558638



61AD34



388641



3E423C



308200



010300

Inverse Universe

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



693886



8034AD



86387D



403C42



520082



020003

Previews

White Background



This preview shows how the Hex color 558638 looks on a white background.

Color Contrast Check

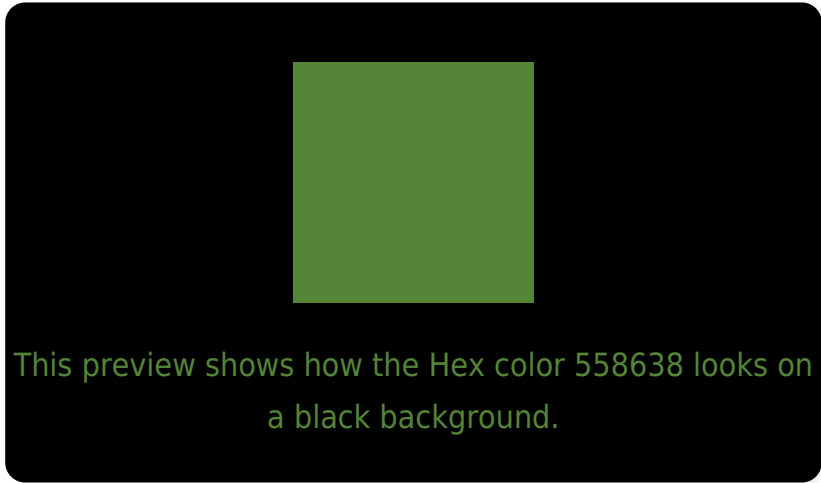
Large Text (above 18pt) WCAG AA ✓ Pass

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 558638 Background



This preview shows how black text looks on a background with the Hex color 558638.



This preview shows how white text looks on a background with the Hex color 558638.

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
627E88

Trichromacy



Original Color
558638

Protanomaly
747E35

Deuteranomaly
7E7A3B

Tritanomaly
5D816B

Monochromacy



Original Color
558638

Achromatopsia
6E6E6E

Achromatomaly
65775A

CSS Examples

Text

The CSS property to change the color of the text to Hex 558638 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 #558638 looks like.

```
.text, #text, p{  
    color:#558638  
}
```

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 #558638 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558638
}
```

Border

The CSS property to change the border of an element to Hex 558638 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
#558638 }
```

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

```
.border{ border-color:#558638 }
```

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

Here you see how a box with a 4 pixel #558638 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558638; -webkit-box-shadow:4px 4px  
4px 4px #558638; box-shadow:4px 4px 4px  
4px #558638 }
```

Background

The CSS property to change the background color of an element to Hex 558638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558638 }
```

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

```
.background{ background-color:#558638 }
```

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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