

Converting Colors

Hex(558A26)

Have a look what the booklet for
Hex(558A26) contains.

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Color

Hex(558A26)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 558A26 |
| RGB | 85, 138, 38 |
| RGB Percent | 33%, 54%, 15% |
| CMY | 0.6667, 0.4588, 0.8510 |
| CMYK | 0.38, 0.00, 0.72, 0.46 |
| HSL | 92°, 57%, 35% |
| HSV | 92°, 72%, 54% |
| XYZ | 13.1846, 20.2482, 5.0471 |
| YIQ | 110.7530, 0.5120, -42.3360 |

Conversions

Conversions Part 2

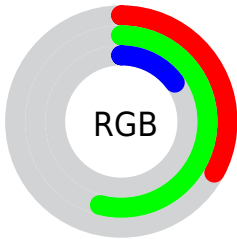
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 38, 138, 91 |
| Decimal | 5605926 |
| CIELab | 52.12, -34.78, 45.60 |
| CIElCh | 52, 57.347, 127.332 |
| Yxy | 20.2482, 0.3426, 0.5262 |
| Android (android.graphics.Color) | 4283796006 (0xFF558A26) |
| YUV | 110.7530, -35.8672, -22.5854 |
| Hunter-Lab | 44.9980, -26.4451, 24.8484 |

Details

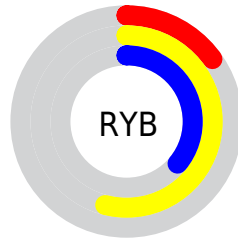
The Hex color **558A26** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B268A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8BC059**, and **1F5700** is the 20% darker color. If you saturate the color by 10%, you get **4E8A18**, and if you desaturate by 10%, it is **5C8A34**.

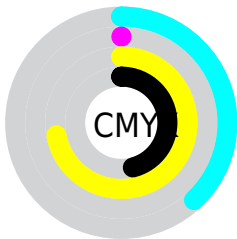
Distribution



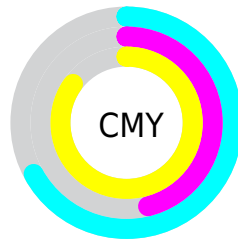
- Red (33%)
- Green (54%)
- Blue (15%)



- Red (15%)
- Yellow (54%)
- Blue (36%)



- Cyan (38%)
- Magenta (0%)
- Yellow (72%)
- Black (46%)



- Cyan (67%)
- Magenta (46%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 558A26 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 558A26 by changing the saturation by 10% instead.



558A26



558A26

FFFFFF



3A7007



8BC059



1F5700



A6DC73



004000



C2F98E



002900



DFFFA9



000E00



FCFFC5



000000



FFFFE2



558A26



558A26



4E8A18



5C8A34

 468A0A

 648A42

 418A00

 6B8A4F

 728A5D

 7A8A6B

 818A79

 888A87

 908A94

 978AA2

Harmonies

Analogous

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



897E02



558A26



009154

Triad

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



558A26



008CD7



D44B72

Complementary

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



558A26



5B268A

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.



C054A3



558A26



027EDE

Square

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



558A26



0092B7



8D6ACB



CD5743

Rectangle

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



558A26



009376



8D6ACB



D14B83

Sweetspot

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



558A26



9EB38B



8A5A26



4D5942



D9D9D9



595959

Same Dimension

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



558A26



60B317



268A28



41453E



3E8500



020500

Inverse Universe

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



5B268A



6A17B3



8A2688



423E45



460085



030005

Previews

White Background



This preview shows how the Hex color 558A26 looks on a white background.

Color Contrast Check

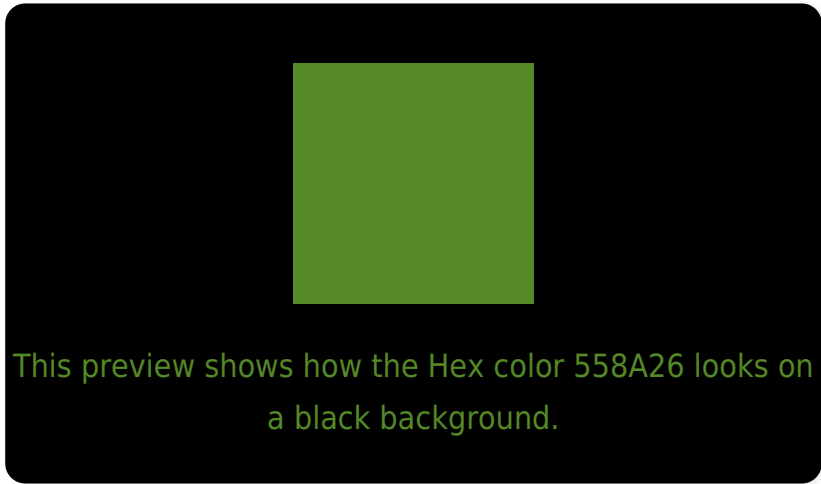
Large Text (above 18pt) WCAG AA ✓ Pass

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 558A26 Background



This preview shows how black text looks on a background with the Hex color 558A26.



This preview shows how white text looks on a background with the Hex color 558A26.

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
558A26

Protanopia
8B7C22

Deuteranopia
9A762E



Tritanopia
63818B

Trichromacy



Original Color
558A26

Protanomaly
778123

Deuteranomaly
817D2B

Tritanomaly
5E8466

Monochromacy



Original Color
558A26

Achromatopsia
6F6F6F

Achromatomaly
667954

CSS Examples

Text

The CSS property to change the color of the text to Hex 558A26 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 #558A26 looks like.

```
.text, #text, p{  
    color:#558A26  
}
```

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 #558A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558A26
}
```

Border

The CSS property to change the border of an element to Hex 558A26 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
#558A26 }
```

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

```
.border{ border-color:#558A26 }
```

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

Here you see how a box with a 4 pixel #558A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558A26; -webkit-box-shadow:4px 4px  
4px 4px #558A26; box-shadow:4px 4px 4px  
4px #558A26 }
```

Background

The CSS property to change the background color of an element to Hex 558A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558A26 }
```

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

```
.background{ background-color:#558A26 }
```

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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