

Converting Colors

Hex(578B26)

Have a look what the booklet for
Hex(578B26) contains.

Hex(578B26)	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(578B26)

Conversions

Conversions Part 1

Format	Color
Hex	578B26
RGB	87, 139, 38
RGB Percent	34%, 55%, 15%
CMY	0.6588, 0.4549, 0.8510
CMYK	0.37, 0.00, 0.73, 0.45
HSL	91°, 57%, 35%
HSV	91°, 73%, 55%
XYZ	13.5130, 20.6314, 5.1038
YIQ	111.9380, 1.4290, -42.4350

Conversions

Conversions Part 2

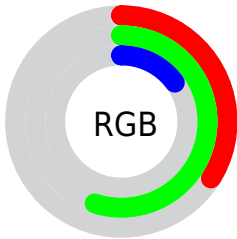
Format	Color
R_{YB}	38, 139, 90
Decimal	5737254
CIE _{Lab}	52.54, -34.49, 46.07
CIE _{LCh}	53, 57.546, 126.820
Yxy	20.6314, 0.3443, 0.5257
Android (android.graphics.Color)	4283927334 (0xFF578B26)
YUV	111.9380, -36.4514, -21.8706
Hunter-Lab	45.4218, -26.3846, 25.1332

Details

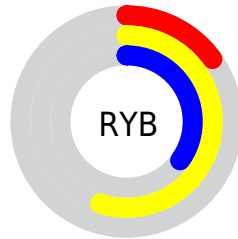
The Hex color **578B26** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5A268B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **8DC15A**, and **215800** is the 20% darker color. If you saturate the color by 10%, you get **508B18**, and if you desaturate by 10%, it is **5E8B34**.

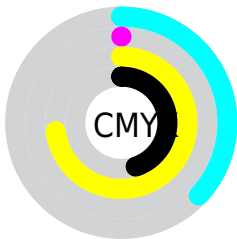
Distribution



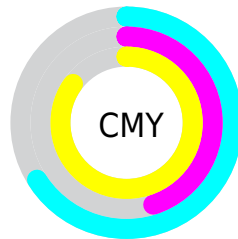
- Red (34%)
- Green (55%)
- Blue (15%)



- Red (15%)
- Yellow (55%)
- Blue (35%)



- Cyan (37%)
- Magenta (0%)
- Yellow (73%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578B26 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 578B26 by changing the saturation by 10% instead.

 578B26

 578B26

FFFFFF

 3D7106

 8DC15A

 215800

 A8DD74

 004000

 C5FA8E

 002A00

 E1FFA9

 001000

 FFFFC5

 000000

 FFFFE2

 578B26

 578B26

 508B18

 5E8B34

■ 498B0A

■ 658B42

■ 438B00

■ 6C8B50

■ 748B5E

■ 7B8B6C

■ 828B79

■ 898B87

■ 908B95

■ 978BA3

Harmonies

Analogous

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



8B7F03



578B26



009254

Triad

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



578B26



008DD8



D64C74

Complementary

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



578B26



5A268B

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.



C155A5



578B26



007FE0

Square

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



578B26



0093B7



8D6BCD



CF5845

Rectangle

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



578B26



009476



8D6BCD



D24D85

Sweetspot

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



578B26



A1B58D



8B5926



505C44



DBDBDB



5C5C5C

Same Dimension

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



578B26



64B518



268B26



41453E



408500



020500

Inverse Universe

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



5A268B



6918B5



8B268B



423E45



440085



030005

Previews

White Background



This preview shows how the Hex color 578B26 looks on a white background.

Color Contrast Check

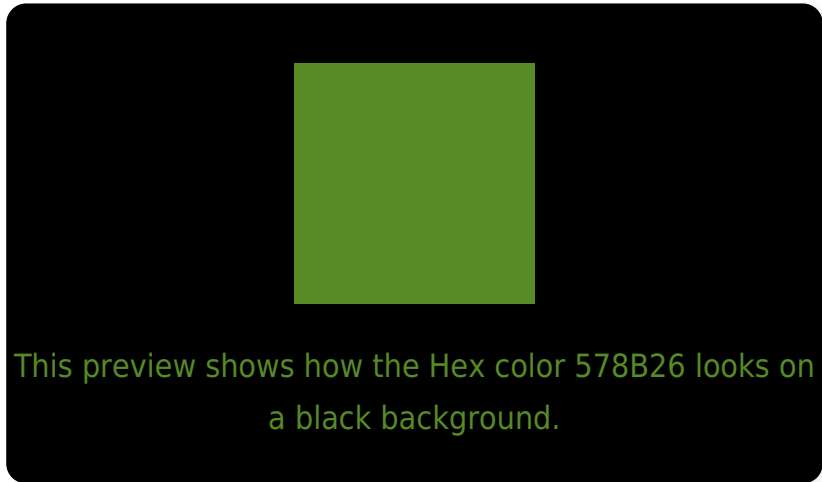
Large Text (above 18pt) WCAG AA ✓ Pass

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 578B26 Background



This preview shows how black text looks on a background with the Hex color 578B26.



This preview shows how white text looks on a background with the Hex color 578B26.

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
578B26

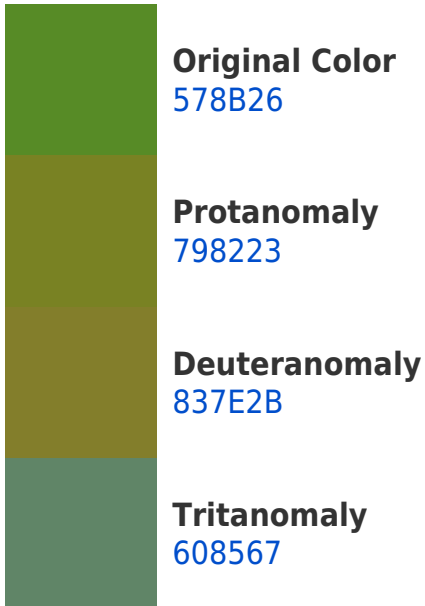
Protanopia
8C7D22

Deuteranopia
9C772E

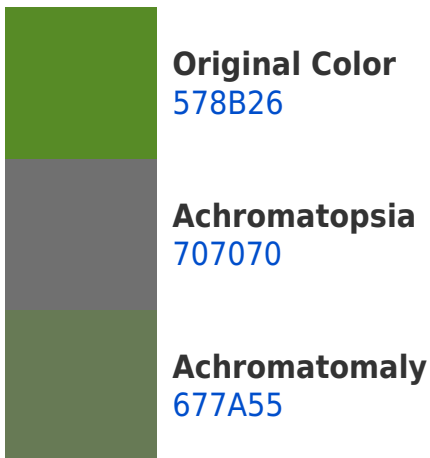


Tritanopia
65828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578B26 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 #578B26 looks like.

```
.text, #text, p{  
    color:#578B26  
}
```

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 #578B26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578B26
}
```

Border

The CSS property to change the border of an element to Hex 578B26 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
#578B26 }
```

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

```
.border{ border-color:#578B26 }
```

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

Here you see how a box with a 4 pixel #578B26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578B26; -webkit-box-shadow:4px 4px  
4px 4px #578B26; box-shadow:4px 4px 4px  
4px #578B26 }
```

Background

The CSS property to change the background color of an element to Hex 578B26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578B26 }
```

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

```
.background{ background-color:#578B26 }
```

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