

Converting Colors

Hex(578B41)

Have a look what the booklet for
Hex(578B41) contains.

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Color

Hex(578B41)

Conversions

Conversions Part 1

Format	Color
Hex	578B41
RGB	87, 139, 65
RGB Percent	34%, 55%, 25%
CMY	0.6588, 0.4549, 0.7451
CMYK	0.37, 0.00, 0.53, 0.45
HSL	102°, 36%, 40%
HSV	102°, 53%, 55%
XYZ	14.1172, 20.8731, 8.2859
YIQ	115.0160, -7.2380, -34.0380

Conversions

Conversions Part 2

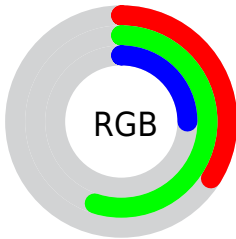
Format	Color
RYB	65, 139, 117
Decimal	5737281
CIELab	52.81, -31.80, 33.89
CIElCh	53, 46.472, 133.184
Yxy	20.8731, 0.3262, 0.4823
Android (android.graphics.Color)	4283927361 (0xFF578B41)
YUV	115.0160, -24.6579, -24.5700
Hunter-Lab	45.6871, -24.7963, 21.2281

Details

The Hex color **578B41** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **75418B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8CC173**, and **235811** is the 20% darker color. If you saturate the color by 10%, you get **4D8B33**, and if you desaturate by 10%, it is **618B4F**.

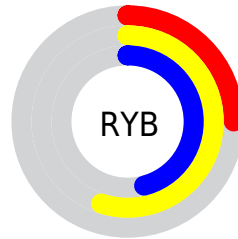
Distribution



Red (34%)

Green (55%)

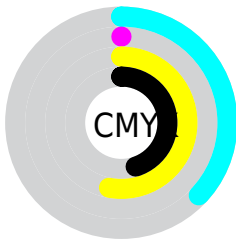
Blue (25%)



Red (25%)

Yellow (55%)

Blue (46%)

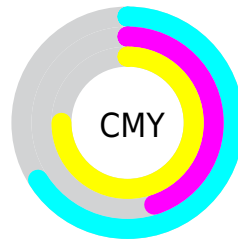


Cyan (37%)

Magenta (0%)

Yellow (53%)

Black (45%)



Cyan (66%)

Magenta (45%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578B41 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 578B41 by changing the saturation by 10% instead.



578B41



578B41

FFFFFF



3D7129



8CC173



235811



A7DD8D



064100



C3FAA8



002A00



DFFFC3



001200



FCFFDF



000000

FFFFFFC



578B41



578B41



4D8B33



618B4F

■ 438B25

■ 6B8B5D

■ 3A8B17

■ 748B6B

■ 308B09

■ 7E8B79

■ 298B00

■ 888B86

■ 928B94

■ 9B8BA2

■ A58BB0

■ AF8BBE

Harmonies

Analogous

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



83822B



578B41



009066

Triad

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



578B41



0089CA



C85B6E

Complementary

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



578B41



75418B

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.



BC5E96



578B41



577CCC

Square

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



578B41



0090B4



976CB9



C06549

Rectangle

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



578B41



009281



976CB9



C65A7B

Sweetspot

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



578B41



A1B598



8B7541



505C4A



DBDBDB



5C5C5C

Same Dimension

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



578B41



64B541



418B50



40453E



278500



020500

Inverse Universe

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



75418B



9341B5



8B417C



433E45



5D0085



040005

Previews

White Background



This preview shows how the Hex color 578B41 looks on a white background.

Color Contrast Check

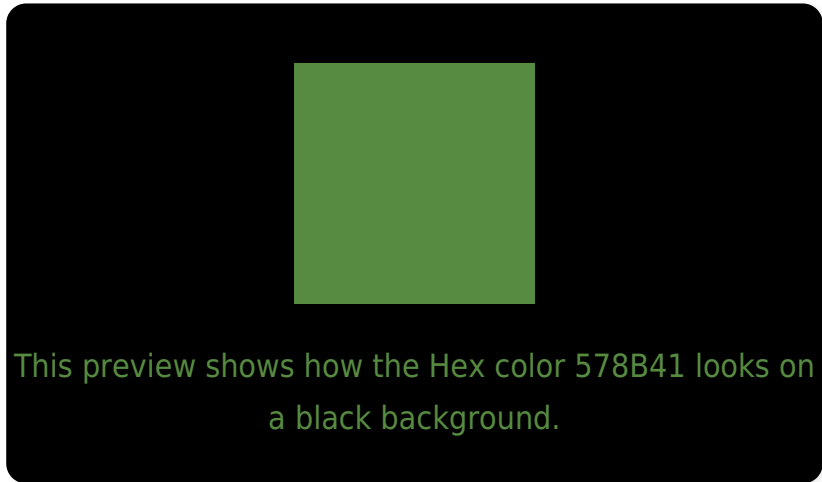
Large Text (above 18pt) WCAG AA ✓ Pass

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 578B41 Background



This preview shows how black text looks on a background with the Hex color 578B41.



This preview shows how white text looks on a background with the Hex color 578B41.

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
578B41

Protanopia
8B7E3D

Deuteranopia
997846



Tritanopia
64838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578B41 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 #578B41 looks like.

```
.text, #text, p{  
    color:#578B41  
}
```

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 #578B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578B41
}
```

Border

The CSS property to change the border of an element to Hex 578B41 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
#578B41 }
```

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

```
.border{ border-color:#578B41 }
```

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

Here you see how a box with a 4 pixel #578B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578B41; -webkit-box-shadow:4px 4px  
4px 4px #578B41; box-shadow:4px 4px 4px  
4px #578B41 }
```

Background

The CSS property to change the background color of an element to Hex 578B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578B41 }
```

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

```
.background{ background-color:#578B41 }
```

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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