

Converting Colors

Hex(588B3B)

Have a look what the booklet for
Hex(588B3B) contains.

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Color

Hex(588B3B)

Conversions

Conversions Part 1

Format	Color
Hex	588B3B
RGB	88, 139, 59
RGB Percent	35%, 55%, 23%
CMY	0.6549, 0.4549, 0.7686
CMYK	0.37, 0.00, 0.58, 0.45
HSL	98°, 40%, 39%
HSV	98°, 58%, 55%
XYZ	14.0465, 20.8557, 7.4229
YIQ	114.6310, -4.7160, -35.6920

Conversions

Conversions Part 2

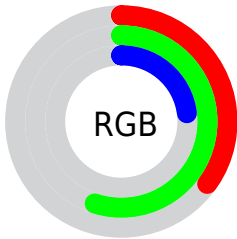
Format	Color
RYB	59, 139, 110
Decimal	5802811
CIELab	52.79, -32.16, 36.90
CIELCh	53, 48.952, 131.074
Yxy	20.8557, 0.3319, 0.4927
Android (android.graphics.Color)	4283992891 (0xFF588B3B)
YUV	114.6310, -27.4261, -23.3554
Hunter-Lab	45.6681, -25.0162, 22.3306

Details

The Hex color **588B3B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6E3B8B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8DC16D**, and **245808** is the 20% darker color. If you saturate the color by 10%, you get **4F8B2D**, and if you desaturate by 10%, it is **618B49**.

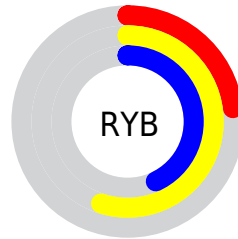
Distribution



Red (35%)

Green (55%)

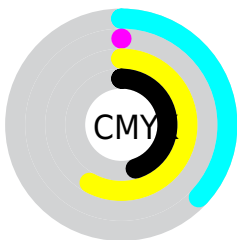
Blue (23%)



Red (23%)

Yellow (55%)

Blue (43%)

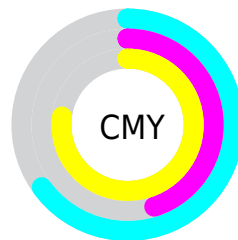


Cyan (37%)

Magenta (0%)

Yellow (58%)

Black (45%)



Cyan (65%)

Magenta (45%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588B3B 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 588B3B by changing the saturation by 10% instead.



588B3B



588B3B

FFFFFF



3E7123



8DC16D



245808



A8DD87



084100



C4FAA2



002A00



E1FFBD



001100



FEFFD9



000000



FFFFFF6



588B3B



588B3B



4F8B2D



618B49

 468B1F

 6A8B57

 3D8B11

 738B65

 358B03

 7B8B73

 328B00

 848B81

 8D8B8E

 968B9C

 9F8BAA

 A88BB8

Harmonies

Analogous

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



868124



588B3B



009161

Triad

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



588B3B



008ACD



CB5870

Complementary

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



588B3B



6E3B8B

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.



BD5C9A



588B3B



4B7DD1

Square

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



588B3B



0091B4



956CBE



C46249

Rectangle

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



588B3B



00927E



956CBE



C9587E

Sweetspot

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



588B3B



A1B596



8B6E3B



505C49



DBDBDB



5C5C5C

Same Dimension

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



588B3B



65B538



3B8B46



40453E



308500



020500

Inverse Universe

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



6E3B8B



8838B5



8B3B80



423E45



550085



030005

Previews

White Background



This preview shows how the Hex color 588B3B looks on a white background.

Color Contrast Check

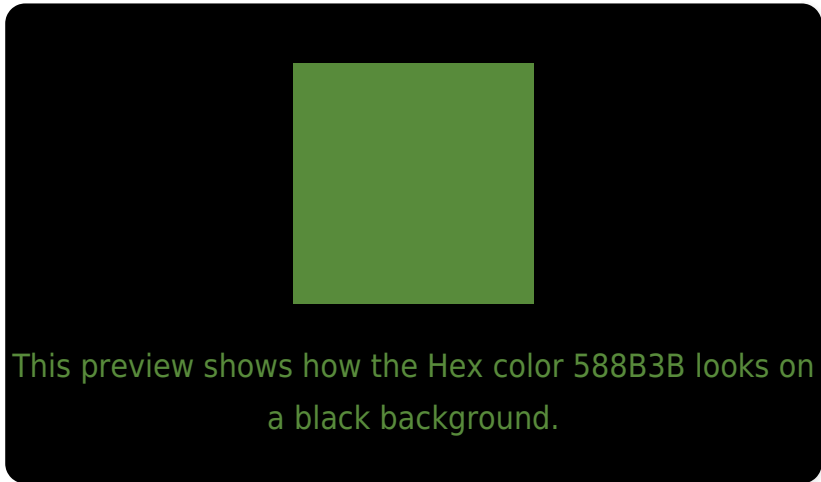
Large Text (above 18pt) WCAG AA ✓ Pass

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 588B3B Background



This preview shows how black text looks on a background with the Hex color 588B3B.




This preview shows how white text looks on a background with the Hex color 588B3B.

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
65828D

Trichromacy



Original Color
588B3B

Protanomaly
788338

Deuteranomaly
827F3E

Tritanomaly
60856F

Monochromacy



Original Color
588B3B

Achromatopsia
737373

Achromatomaly
697C5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 588B3B 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 #588B3B looks like.

```
.text, #text, p{  
    color:#588B3B  
}
```

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 #588B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588B3B
}
```

Border

The CSS property to change the border of an element to Hex 588B3B 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
#588B3B }
```

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

```
.border{ border-color:#588B3B }
```

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

Here you see how a box with a 4 pixel #588B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588B3B; -webkit-box-shadow:4px 4px  
4px 4px #588B3B; box-shadow:4px 4px 4px  
4px #588B3B }
```

Background

The CSS property to change the background color of an element to Hex 588B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588B3B }
```

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

```
.background{ background-color:#588B3B }
```

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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