

Converting Colors

Hex(688B11)

Have a look what the booklet for
Hex(688B11) contains.

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Color

Hex(688B11)

Conversions

Conversions Part 1

Format	Color
Hex	688B11
RGB	104, 139, 17
RGB Percent	41%, 55%, 7%
CMY	0.5922, 0.4549, 0.9333
CMYK	0.25, 0.00, 0.88, 0.45
HSL	77°, 78%, 31%
HSV	77°, 88%, 55%
XYZ	15.0427, 21.4488, 3.8775
YIQ	114.6270, 18.3020, -45.3620

Conversions

Conversions Part 2

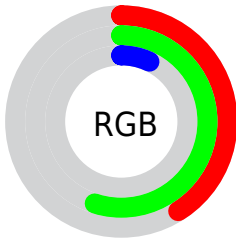
Format	Color
RYB	17, 139, 52
Decimal	6851345
CIELab	53.44, -28.84, 53.92
CIELCh	53, 61.148, 118.142
Yxy	21.4488, 0.3726, 0.5313
Android (android.graphics.Color)	4285041425 (0xFF688B11)
YUV	114.6270, -48.1301, -9.3199
Hunter-Lab	46.3128, -23.0694, 27.4550

Details

The Hex color **688B11** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34118B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9FC14B**, and **345900** is the 20% darker color. If you saturate the color by 10%, you get **648B03**, and if you desaturate by 10%, it is **6C8B1F**.

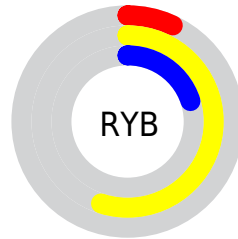
Distribution



Red (41%)

Green (55%)

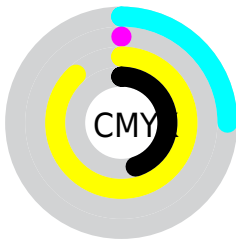
Blue (7%)



Red (7%)

Yellow (55%)

Blue (20%)

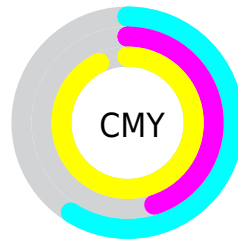


Cyan (25%)

Magenta (0%)

Yellow (88%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688B11 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 688B11 by changing the saturation by 10% instead.



688B11



688B11

FFFFFF



4D7100



9FC14B



345900



BBDD66



184100



D8F980



002B00



F5FF9C



001400



FFFFB8



000000



FFFFD4



FFFFF1



688B11



688B11

■ 648B03

■ 6C8B1F

■ 638B00

■ 708B2D

■ 748B3B

■ 788B49

■ 7C8B56

■ 808B64

■ 848B72

■ 888B80

■ 8C8B8E

Harmonies

Analogous

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



9C7C00



688B11



009445

Triad

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



688B11



0093D9



DA4A85

Complementary

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



688B11



34118B

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.



BB5AB8



688B11



0087E9

Square

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



688B11



0098B0



7773DD



DB5151

Rectangle

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



688B11



009768



7773DD



D34D97

Sweetspot

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



688B11



A8B586



8B3411



545C3F



DBDBDB



5C5C5C

Same Dimension

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



688B11



81B500



2B8B11



43453E



5F8500



040500

Inverse Universe

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



34118B



3400B5



71118B



403E45



260085



010005

Previews

White Background



This preview shows how the Hex color 688B11 looks on a white background.

Color Contrast Check

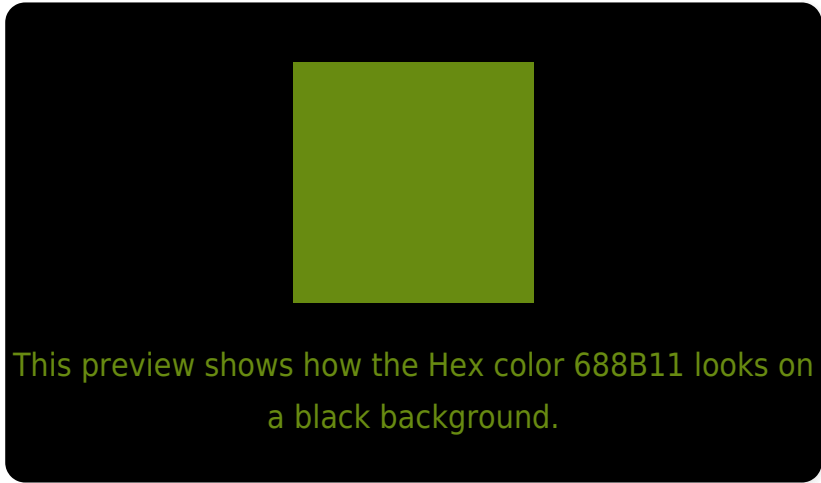
Large Text (above 18pt) WCAG AA ✓ Pass

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 688B11 Background



This preview shows how black text looks on a background with the Hex color 688B11.



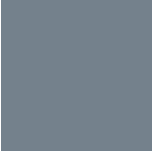
This preview shows how white text looks on a background with the Hex color 688B11.

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](#).

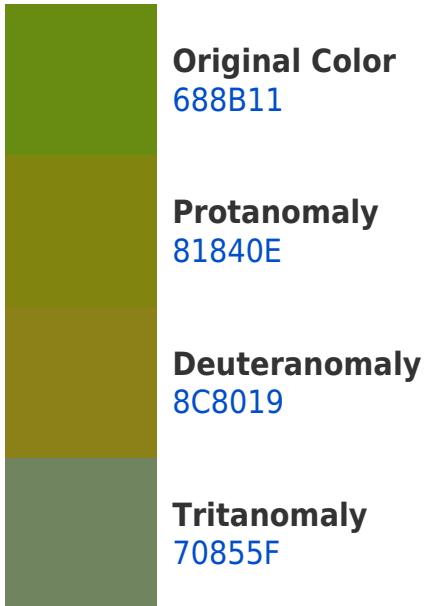
Dichromacy



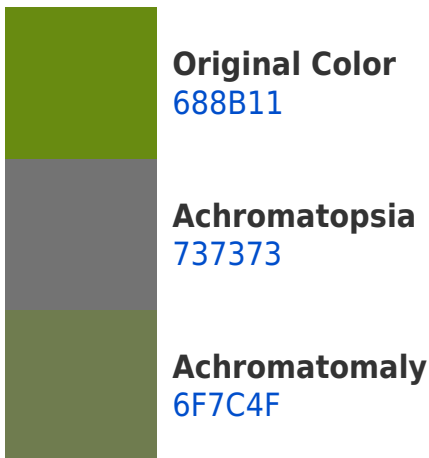


Tritanopia
74818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688B11 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 #688B11 looks like.

```
.text, #text, p{  
    color:#688B11  
}
```

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 #688B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688B11
}
```

Border

The CSS property to change the border of an element to Hex 688B11 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
#688B11 }
```

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

```
.border{ border-color:#688B11 }
```

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

Here you see how a box with a 4 pixel #688B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688B11; -webkit-box-shadow:4px 4px  
4px 4px #688B11; box-shadow:4px 4px 4px  
4px #688B11 }
```

Background

The CSS property to change the background color of an element to Hex 688B11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688B11 }
```

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

```
.background{ background-color:#688B11 }
```

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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