

Converting Colors

Hex(688C25)

Have a look what the booklet for
Hex(688C25) contains.

Hex(688C25)	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(688C25)

Conversions

Conversions Part 1

Format	Color
Hex	688C25
RGB	104, 140, 37
RGB Percent	41%, 55%, 15%
CMY	0.5922, 0.4510, 0.8549
CMYK	0.26, 0.00, 0.74, 0.45
HSL	81°, 58%, 35%
HSV	81°, 74%, 55%
XYZ	15.4209, 21.8328, 5.1516
YIQ	117.4940, 11.6070, -39.6650

Conversions

Conversions Part 2

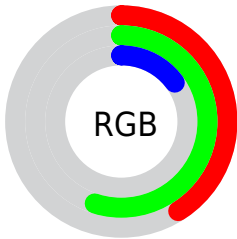
Format	Color
RYB	37, 140, 73
Decimal	6851621
CIELab	53.85, -28.37, 48.09
CIElCh	54, 55.836, 120.535
Yxy	21.8328, 0.3637, 0.5149
Android (android.graphics.Color)	4285041701 (0xFF688C25)
YUV	117.4940, -39.6835, -11.8342
Hunter-Lab	46.7256, -22.8591, 26.1710

Details

The Hex color **688C25** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **49258C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9EC259**, and **345A00** is the 20% darker color. If you saturate the color by 10%, you get **638C17**, and if you desaturate by 10%, it is **6D8C33**.

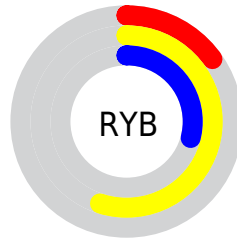
Distribution



Red (41%)

Green (55%)

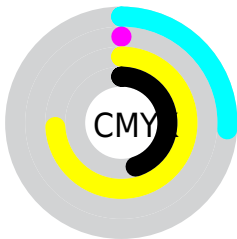
Blue (15%)



Red (15%)

Yellow (55%)

Blue (29%)

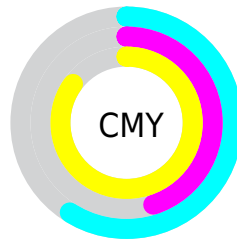


Cyan (26%)

Magenta (0%)

Yellow (74%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688C25 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 688C25 by changing the saturation by 10% instead.

 688C25

 688C25

FFFFFF

 4E7204

 9EC259

 345A00

 BADE73

 1A4200

 D7FA8E

 002B00

 F4FFA9

 001600

 FFFFC5

 000000

 FFFFE2

 688C25

 688C25

 638C17

 6D8C33

■ 5E8C09

■ 728C41

■ 5B8C00

■ 778C4F

■ 7C8C5D

■ 808C6B

■ 858C79

■ 8A8C87

■ 8F8C95

■ 948CA3

Harmonies

Analogous

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



987F11



688C25



13944F

Triad

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



688C25



0092D4



D55282

Complementary

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



688C25



49258C

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.



BB5EB1



688C25



0086E1

Square

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



688C25



0097B0



8174D4



D45953

Rectangle

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



688C25



00976F



8174D4



D05492

Sweetspot

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



688C25



A7B58D



8C4725



535C44



DBDBDB



5C5C5C

Same Dimension

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



688C25



7DB516



368C25



42453E



568500



030500

Inverse Universe

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



49258C



4D16B5



7B258C



403E45



2E0085



020005

Previews

White Background



This preview shows how the Hex color 688C25 looks on a white background.

Color Contrast Check

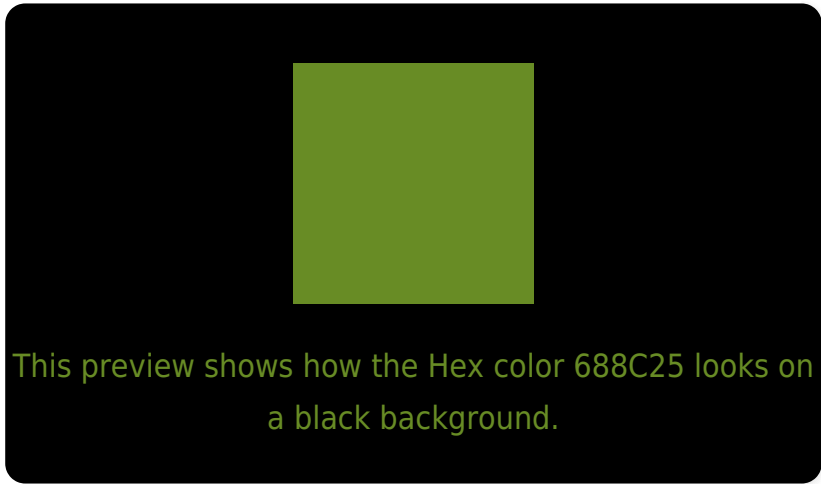
Large Text (above 18pt) WCAG AA ✓ Pass

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 688C25 Background



This preview shows how black text looks on a background with the Hex color 688C25.



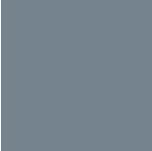
This preview shows how white text looks on a background with the Hex color 688C25.

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](#).

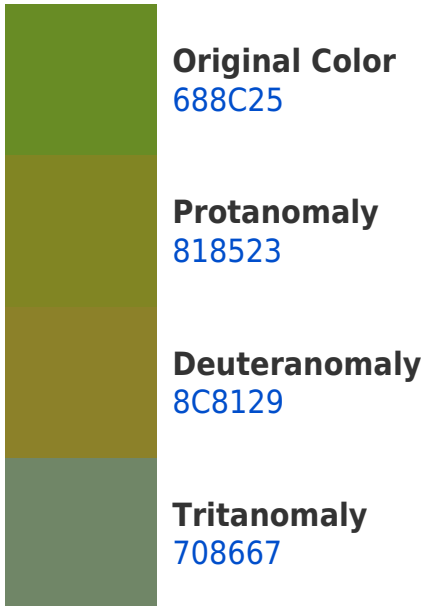
Dichromacy



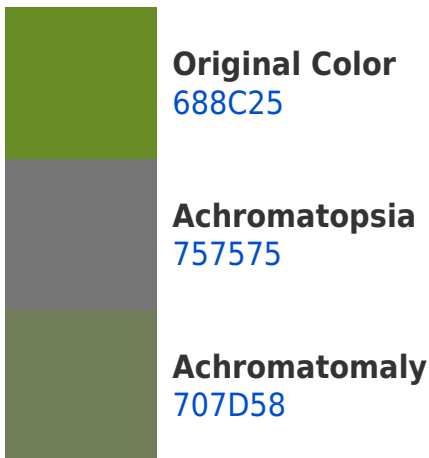


Tritanopia
74838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688C25 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 #688C25 looks like.

```
.text, #text, p{  
    color:#688C25  
}
```

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 #688C25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688C25
}
```

Border

The CSS property to change the border of an element to Hex 688C25 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
#688C25 }
```

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

```
.border{ border-color:#688C25 }
```

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

Here you see how a box with a 4 pixel #688C25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688C25; -webkit-box-shadow:4px 4px  
4px 4px #688C25; box-shadow:4px 4px 4px  
4px #688C25 }
```

Background

The CSS property to change the background color of an element to Hex 688C25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688C25 }
```

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

```
.background{ background-color:#688C25 }
```

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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