

Converting Colors

Hex(688715)

Have a look what the booklet for
Hex(688715) contains.

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Color

Hex(688715)

Conversions

Conversions Part 1

Format	Color
Hex	688715
RGB	104, 135, 21
RGB Percent	41%, 53%, 8%
CMY	0.5922, 0.4706, 0.9176
CMYK	0.23, 0.00, 0.84, 0.47
HSL	76°, 73%, 31%
HSV	76°, 84%, 53%
XYZ	14.5083, 20.3251, 3.8679
YIQ	112.7350, 18.1180, -42.0260

Conversions

Conversions Part 2

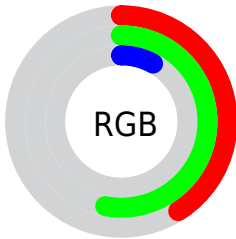
Format	Color
R _Y B	21, 135, 52
Decimal	6850325
CIE Lab	52.20, -26.76, 51.85
CIE LCh	52, 58.345, 117.302
Yxy	20.3251, 0.3749, 0.5252
Android (android.graphics.Color)	4285040405 (0xFF688715)
YUV	112.7350, -45.2254, -7.6606
Hunter-Lab	45.0834, -21.4531, 26.4716

Details

The Hex color **688715** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **341587**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9EBC4D**, and **345500** is the 20% darker color. If you saturate the color by 10%, you get **648708**, and if you desaturate by 10%, it is **6C8723**.

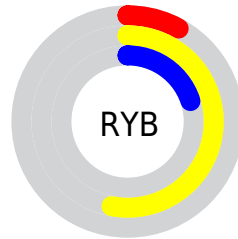
Distribution



Red (41%)

Green (53%)

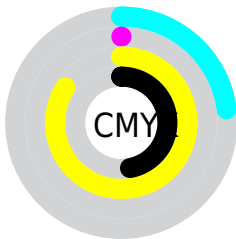
Blue (8%)



Red (8%)

Yellow (53%)

Blue (20%)

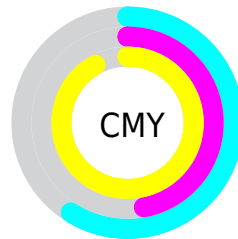


Cyan (23%)

Magenta (0%)

Yellow (84%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688715 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 688715 by changing the saturation by 10% instead.



688715



688715

FFFFFF



4E6E00



9EBC4D



345500



BAD867



193E00



D7F582



002800



F4FF9D



000E00



FFFFB9



000000



FFFFD5



FFFFF2



688715



688715

■ 648708

■ 6C8723

■ 628700

■ 6F8730

■ 73873E

■ 77874B

■ 7A8759

■ 7E8766

■ 828774

■ 858781

■ 89878F

Harmonies

Analogous

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



997900



688715



128F43

Triad

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



688715



008FD0



D24A83

Complementary

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



688715



341587

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.



B45AB3



688715



0084E1

Square

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



688715



0093A9



7371D6



D45052

Rectangle

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



688715



009365



7371D6



CC4E94

Sweetspot

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



688715



A4B084



873315



52593E



D9D9D9



595959

Same Dimension

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



688715



80B000



308715



40423C



5F8200



020300

Inverse Universe

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



341587



3000B0



6C1587



3D3C42



230082



010003

Previews

White Background



This preview shows how the Hex color 688715 looks on a white background.

Color Contrast Check

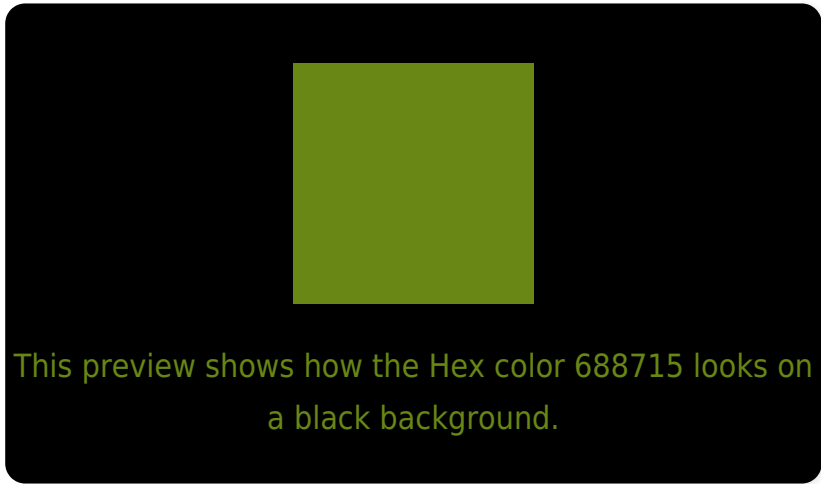
Large Text (above 18pt) WCAG AA ✓ Pass

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 688715 Background



This preview shows how black text looks on a background with the Hex color 688715.

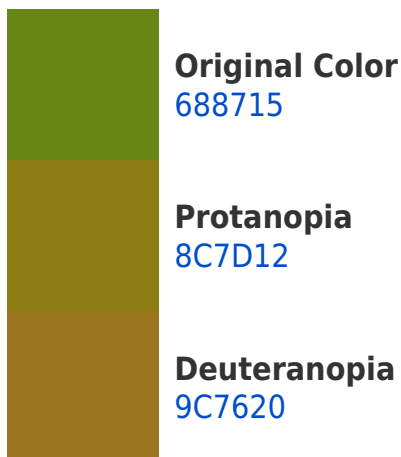


This preview shows how white text looks on a background with the Hex color 688715.

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](#).

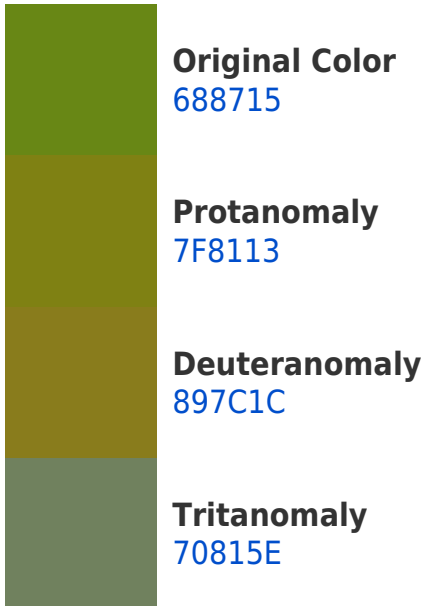
Dichromacy





Tritanopia
747E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688715 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 #688715 looks like.

```
.text, #text, p{  
    color:#688715  
}
```

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 #688715 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688715
}
```

Border

The CSS property to change the border of an element to Hex 688715 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
#688715 }
```

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

```
.border{ border-color:#688715 }
```

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

Here you see how a box with a 4 pixel #688715 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688715; -webkit-box-shadow:4px 4px  
4px 4px #688715; box-shadow:4px 4px 4px  
4px #688715 }
```

Background

The CSS property to change the background color of an element to Hex 688715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688715 }
```

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

```
.background{ background-color:#688715 }
```

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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