

Converting Colors

Hex(678300)

Have a look what the booklet for
Hex(678300) contains.

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Color

Hex(678300)

Conversions

Conversions Part 1

Format	Color
Hex	678300
RGB	103, 131, 0
RGB Percent	40%, 51%, 0%
CMY	0.5961, 0.4863, 1.0000
CMYK	0.21, 0.00, 1.00, 0.49
HSL	73°, 100%, 26%
HSV	73°, 100%, 51%
XYZ	13.7098, 19.1162, 2.9672
YIQ	107.6940, 25.3630, -46.6770

Conversions

Conversions Part 2

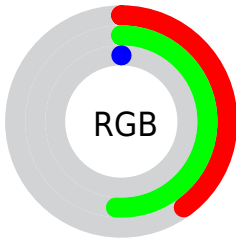
Format	Color
RYB	0, 131, 28
Decimal	6783744
CIELab	50.82, -25.81, 55.03
CIElCh	51, 60.778, 115.127
Yxy	19.1162, 0.3830, 0.5341
Android (android.graphics.Color)	4284973824 (0xFF678300)
YUV	107.6940, -53.0931, -4.1166
Hunter-Lab	43.7220, -20.5417, 26.5817

Details

The Hex color **678300** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1C0083**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9EB842**, and **335100** is the 20% darker color. If you saturate the color by 10%, you get **678300**, and if you desaturate by 10%, it is **6A830D**.

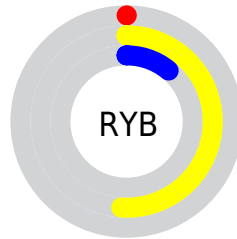
Distribution



Red (40%)

Green (51%)

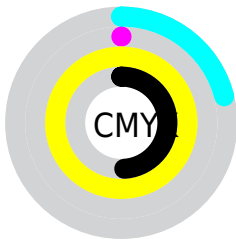
Blue (0%)



Red (0%)

Yellow (51%)

Blue (11%)

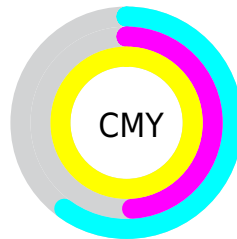


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (60%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678300 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 678300 by changing the saturation by 10% instead.

 678300

 678300

FFFFFF

 4C6A00

 9EB842

 335100

 BAD45D

 173A00

 D7F077

 002500

 F4FF92

 000600

 FFFFAE

 000000

 FFFFCA

 FFFF7E

 678300

 6A830D

 6D831A

 6F8327

 728334

 758342

 78834F

 7B835C

 7D8369

 808376

Harmonies

Analogous

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



987400



678300



0C8C3A

Triad

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



678300



008CCE



D04384

Complementary

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



678300



1C0083

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.



AF56B5



678300



0082E1

Square

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



678300



0091A4



666FD8



D34850

Rectangle

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



678300



008F5D



666FD8



C94895

Sweetspot

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



678300



A0AB78



831A00



505737



D6D6D6



575757

Same Dimension

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



678300



86AB00



278300



41423C



668200



020300

Inverse Universe

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



1C0083



2500AB



5C0083



3D3C42



1C0082



010003

Previews

White Background



This preview shows how the Hex color 678300 looks on a white background.

Color Contrast Check

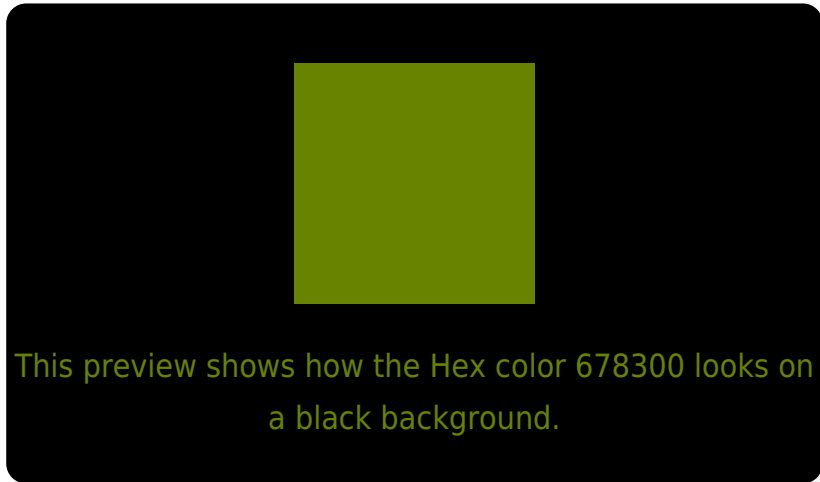
Large Text (above 18pt) WCAG AA ✓ Pass

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 678300 Background



This preview shows how black text looks on a background with the Hex color 678300.



This preview shows how white text looks on a background with the Hex color 678300.

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](#).

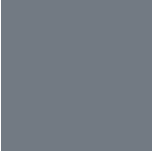
Dichromacy



Original Color
678300

Protanopia
887900

Deuteranopia
987318



Tritanopia
727A83

Trichromacy



Original Color
678300

Protanomaly
7C7D00

Deuteranomaly
86790F

Tritanomaly
6E7D53

Monochromacy



Original Color
678300

Achromatopsia
6C6C6C

Achromatomaly
6A7445

CSS Examples

Text

The CSS property to change the color of the text to Hex 678300 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 #678300 looks like.

```
.text, #text, p{  
    color:#678300  
}
```

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 #678300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678300
}
```

Border

The CSS property to change the border of an element to Hex 678300 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
#678300 }
```

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

```
.border{ border-color:#678300 }
```

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

Here you see how a box with a 4 pixel #678300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678300; -webkit-box-shadow:4px 4px  
4px 4px #678300; box-shadow:4px 4px 4px  
4px #678300 }
```

Background

The CSS property to change the background color of an element to Hex 678300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678300 }
```

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

```
.background{ background-color:#678300 }
```

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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