

Converting Colors

Hex(677300)

Have a look what the booklet for
Hex(677300) contains.

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Color

Hex(677300)

Conversions

Conversions Part 1

Format	Color
Hex	677300
RGB	103, 115, 0
RGB Percent	40%, 45%, 0%
CMY	0.5961, 0.5490, 1.0000
CMYK	0.10, 0.00, 1.00, 0.55
HSL	66°, 100%, 23%
HSV	66°, 100%, 45%
XYZ	11.7243, 15.1450, 2.3054
YIQ	98.3020, 29.7630, -38.3090

Conversions

Conversions Part 2

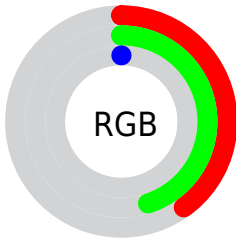
Format	Color
RYB	0, 115, 12
Decimal	6779648
CIELab	45.83, -17.62, 51.28
CIElCh	46, 54.221, 108.965
Yxy	15.1450, 0.4019, 0.5191
Android (android.graphics.Color)	4284969728 (0xFF677300)
YUV	98.3020, -48.4629, 4.1201
Hunter-Lab	38.9166, -14.3281, 23.7294

Details

The Hex color **677300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C0073**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9DA73E**, and **344300** is the 20% darker color. If you saturate the color by 10%, you get **677300**, and if you desaturate by 10%, it is **68730B**.

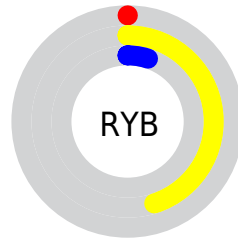
Distribution



Red (40%)

Green (45%)

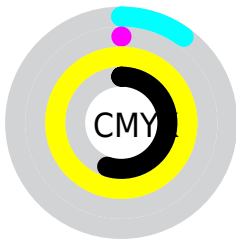
Blue (0%)



Red (0%)

Yellow (45%)

Blue (5%)

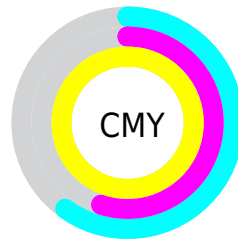


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677300 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 677300 by changing the saturation by 10% instead.

 677300

 677300

FFFFFFE

 4D5B00

 9DA73E

 344300

 B9C258

 1A2D00

 D6DE73

 001A00

 F3FA8D

 000000

 FFFFA9

 FFFFC5

 FFFFE1

 677300

 68730B

 697317

 6B7323

 6C732E

 6D733A

 6E7345

 6F7351

 71735C

 727368

Harmonies

Analogous

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



906400



677300



2D7C2C

Triad

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



677300



007FB0



B5417F

Complementary

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



677300



0C0073

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.



9253A9



677300



0077C6

Square

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



677300



008289



4868C3



BD4052

Rectangle

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



677300



007F4A



4868C3



AD468E

Sweetspot

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



677300



929669



730B00



4A4D31



CCCCCC



4D4D4D

Same Dimension

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



677300



879600



2E7300



3A3B35



6E7A00



E0FA00

Inverse Universe

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



0C0073



100096



450073



35353B



0D007A



1A00FA

Previews

White Background



This preview shows how the Hex color 677300 looks on a white 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

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 677300 Background



This preview shows how black text looks on a background with the Hex color 677300.



This preview shows how white text looks on a background with the Hex color 677300.

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
677300

Protanopia
7A6D00

Deuteranopia
896713



Tritanopia
706B73

Trichromacy



Original Color
677300

Protanomaly
736F00

Deuteranomaly
7D6B0C

Tritanomaly
6D6E49

Monochromacy



Original Color
677300

Achromatopsia
626262

Achromatomaly
64683E

CSS Examples

Text

The CSS property to change the color of the text to Hex 677300 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 #677300 looks like.

```
.text, #text, p{  
    color:#677300  
}
```

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 #677300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677300
}
```

Border

The CSS property to change the border of an element to Hex 677300 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
#677300 }
```

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

```
.border{ border-color:#677300 }
```

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

Here you see how a box with a 4 pixel #677300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677300; -webkit-box-shadow:4px 4px  
4px 4px #677300; box-shadow:4px 4px 4px  
4px #677300 }
```

Background

The CSS property to change the background color of an element to Hex 677300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677300 }
```

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

```
.background{ background-color:#677300 }
```

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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