

Converting Colors

Hex(667300)

Have a look what the booklet for
Hex(667300) contains.

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Color

Hex(667300)

Conversions

Conversions Part 1

Format	Color
Hex	667300
RGB	102, 115, 0
RGB Percent	40%, 45%, 0%
CMY	0.6000, 0.5490, 1.0000
CMYK	0.11, 0.00, 1.00, 0.55
HSL	67°, 100%, 23%
HSV	67°, 100%, 45%
XYZ	11.6102, 15.0862, 2.3000
YIQ	98.0030, 29.1670, -38.5210

Conversions

Conversions Part 2

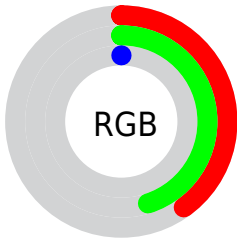
Format	Color
RYB	0, 115, 13
Decimal	6714112
CIELab	45.75, -18.09, 51.18
CIELCh	46, 54.284, 109.461
Yxy	15.0862, 0.4004, 0.5203
Android (android.graphics.Color)	4284904192 (0xFF667300)
YUV	98.0030, -48.3155, 3.5054
Hunter-Lab	38.8410, -14.6152, 23.6778

Details

The Hex color **667300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D0073**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9CA73E**, and **334300** is the 20% darker color. If you saturate the color by 10%, you get **667300**, and if you desaturate by 10%, it is **67730B**.

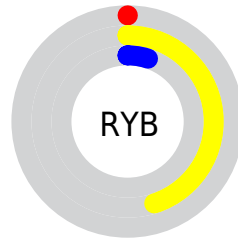
Distribution



Red (40%)

Green (45%)

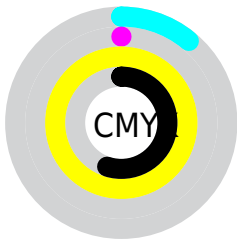
Blue (0%)



Red (0%)

Yellow (45%)

Blue (5%)

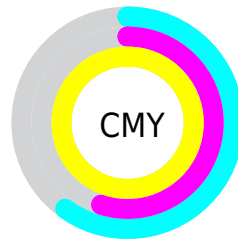


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667300 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 667300 by changing the saturation by 10% instead.

 667300

 667300

FFFFFFE

 4C5A00

 9CA73E

 334300

 B8C258

 192D00

 D5DE72

 001A00

 F2FA8D

 000000

 FFFFA9

 FFFFC5

 FFFFE1

 667300

■ 67730B

■ 697317

■ 6A7323

■ 6B732E

■ 6D733A

■ 6E7345

■ 6F7351

■ 70735C

■ 727368

Harmonies

Analogous

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



8F6400



667300



2B7C2D

Triad

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



667300



007FB1



B6407E

Complementary

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



667300



0D0073

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.



9352A8



667300



0076C6

Square

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



667300



008189



4A67C3



BD4051

Rectangle

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



667300



007F4B



4A67C3



AD458D

Sweetspot

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



667300



919669



730B00



494D31



CCCCCC



4D4D4D

Same Dimension

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



667300



859600



2E7300



3A3B35



6D7A00



DEFA00

Inverse Universe

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



0D0073



110096



450073



35353B



0E007A



1C00FA

Previews

White Background



This preview shows how the Hex color 667300 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

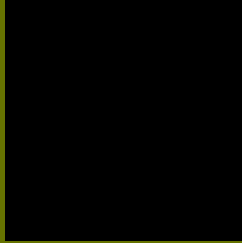
Any Text WCAG AA × Fail

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 667300 Background



This preview shows how black text looks on a background with the Hex color 667300.



This preview shows how white text looks on a background with the Hex color 667300.

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
667300

Protanopia
7A6D00

Deuteranopia
896713



Tritanopia
6F6B73

Trichromacy



Original Color
667300

Protanomaly
736F00

Deuteranomaly
7C6B0C

Tritanomaly
6C6E49

Monochromacy



Original Color
667300

Achromatopsia
626262

Achromatomaly
63683E

CSS Examples

Text

The CSS property to change the color of the text to Hex 667300 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 #667300 looks like.

```
.text, #text, p{  
    color:#667300  
}
```

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 #667300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667300
}
```

Border

The CSS property to change the border of an element to Hex 667300 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
#667300 }
```

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

```
.border{ border-color:#667300 }
```

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

Here you see how a box with a 4 pixel #667300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667300; -webkit-box-shadow:4px 4px  
4px 4px #667300; box-shadow:4px 4px 4px  
4px #667300 }
```

Background

The CSS property to change the background color of an element to Hex 667300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667300 }
```

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

```
.background{ background-color:#667300 }
```

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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