

Converting Colors

Hex(6E7306)

Have a look what the booklet for
Hex(6E7306) contains.

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Color

Hex(6E7306)

Conversions

Conversions Part 1

Format	Color
Hex	6E7306
RGB	110, 115, 6
RGB Percent	43%, 45%, 2%
CMY	0.5686, 0.5490, 0.9765
CMYK	0.04, 0.00, 0.95, 0.55
HSL	63°, 90%, 24%
HSV	63°, 95%, 45%
XYZ	12.5940, 15.5896, 2.5176
YIQ	101.0790, 32.0090, -34.9590

Conversions

Conversions Part 2

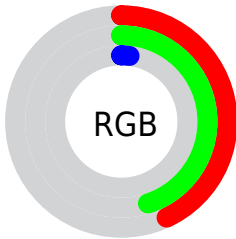
Format	Color
RYB	6, 115, 11
Decimal	7238406
CIELab	46.43, -14.20, 50.66
CIELCh	46, 52.614, 105.653
Yxy	15.5896, 0.4102, 0.5078
Android (android.graphics.Color)	4285428486 (0xFF6E7306)
YUV	101.0790, -46.8739, 7.8237
Hunter-Lab	39.4837, -12.1607, 23.8580

Details

The Hex color **6E7306** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B0673**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A5A742**, and **3B4300** is the 20% darker color. If you saturate the color by 10%, you get **6E7300**, and if you desaturate by 10%, it is **6F7311**.

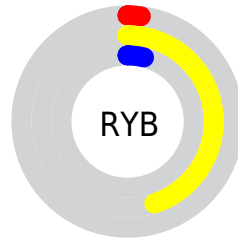
Distribution



Red (43%)

Green (45%)

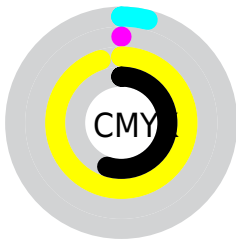
Blue (2%)



Red (2%)

Yellow (45%)

Blue (4%)

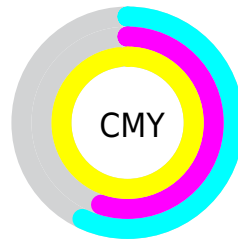


Cyan (4%)

Magenta (0%)

Yellow (95%)

Black (55%)



Cyan (57%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7306 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 6E7306 by changing the saturation by 10% instead.



6E7306



6E7306

FFFFFF



545B00



A5A742



3B4300



C1C25B



212D00



DEDE76



001A00



FBFA90



000000



FFFFAC



FFFFC8



FFFFE4



6E7306



6E7306

■ 6E7300

■ 6F7311

■ 6F731D

■ 707328

■ 707334

■ 71733F

■ 71734B

■ 727356

■ 727362

■ 73736D

Harmonies

Analogous

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



95640D



6E7306



3A7C2B

Triad

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



6E7306



0080AC



B34685

Complementary

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



6E7306



0B0673

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.



8D58AC



6E7306



0079C4

Square

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



6E7306



008385



406BC3



BD4359

Rectangle

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



6E7306



008048



406BC3



A94B93

Sweetspot

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



6E7306



95966C



730A06



4B4D32



CCCCCC



4D4D4D

Same Dimension

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



6E7306



909600



397306



3A3B35



757A00



EEFA00

Inverse Universe

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



0B0673



070096



400673



35353B



06007A



0B00FA

Previews

White Background



This preview shows how the Hex color 6E7306 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

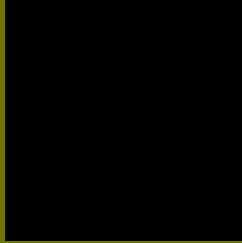
Any Text WCAG AA × Fail

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 6E7306 Background



This preview shows how black text looks on a background with the Hex color 6E7306.



This preview shows how white text looks on a background with the Hex color 6E7306.

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
6E7306

Protanopia
7C6E00

Deuteranopia
8B6813



Tritanopia
766B73

Trichromacy



Original Color
6E7306

Protanomaly
777002

Deuteranomaly
806C0E

Tritanomaly
736E4B

Monochromacy



Original Color
6E7306

Achromatopsia
656565

Achromatomaly
686A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7306 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 #6E7306 looks like.

```
.text, #text, p{  
    color:#6E7306  
}
```

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 #6E7306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7306
}
```

Border

The CSS property to change the border of an element to Hex 6E7306 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
#6E7306 }
```

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

```
.border{ border-color:#6E7306 }
```

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

Here you see how a box with a 4 pixel #6E7306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7306; -webkit-box-shadow:4px 4px  
4px 4px #6E7306; box-shadow:4px 4px 4px  
4px #6E7306 }
```

Background

The CSS property to change the background color of an element to Hex 6E7306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7306 }
```

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

```
.background{ background-color:#6E7306 }
```

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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