

Converting Colors

Hex(706306)

Have a look what the booklet for
Hex(706306) contains.

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Color

Hex(706306)

Conversions

Conversions Part 1

Format	Color
Hex	706306
RGB	112, 99, 6
RGB Percent	44%, 39%, 2%
CMY	0.5608, 0.6118, 0.9765
CMYK	0.00, 0.12, 0.95, 0.56
HSL	53°, 90%, 23%
HSV	53°, 95%, 44%
XYZ	11.1768, 12.3816, 1.9731
YIQ	92.2850, 37.6010, -26.1670

Conversions

Conversions Part 2

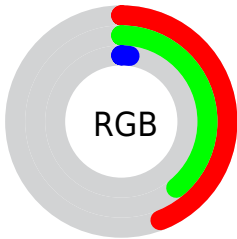
Format	Color
R_YB	21, 112, 6
Decimal	7365382
CIE Lab	41.82, -4.25, 47.15
CIE LCh	42, 47.342, 95.147
Yxy	12.3816, 0.4378, 0.4850
Android (android.graphics.Color)	4285555462 (0xFF706306)
YUV	92.2850, -42.5385, 17.2901
Hunter-Lab	35.1875, -4.8800, 21.3066

Details

The Hex color **706306** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **061370**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A7953E**, and **3C3500** is the 20% darker color. If you saturate the color by 10%, you get **706200**, and if you desaturate by 10%, it is **706411**.

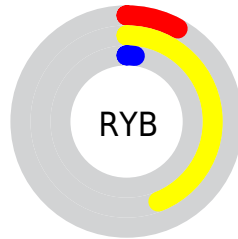
Distribution



Red (44%)

Green (39%)

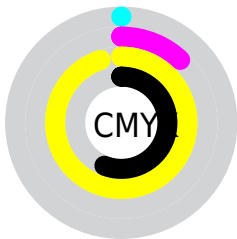
Blue (2%)



Red (8%)

Yellow (44%)

Blue (2%)

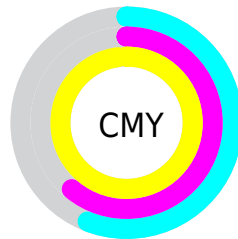


Cyan (0%)

Magenta (12%)

Yellow (95%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 706306 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 706306 by changing the saturation by 10% instead.

 706306

 706306

 FFFFFC

 564B00

 A7953E

 3C3500

 C3B058

 232000

 E0CB71

 000A00

 FEE78C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 706306

 706306

■ 706200

■ 706411

■ 70661C

■ 706728

■ 706833

■ 706A3E

■ 706B49

■ 706D54

■ 706E60

■ 706F6B

Harmonies

Analogous

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



905418



706306



476D1D

Triad

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



706306



00748F



974484

Complementary

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



706306



061370

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.



6C55A3



706306



006FA9

Square

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



706306



007568



0065B1



A83C5E

Rectangle

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



706306



1E7134



0065B1



8C4A90

Sweetspot

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



706306



918C69



700614



4A4731



C9C9C9



4A4A4A

Same Dimension

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



706306



918000



497006



383732



786900



F7D900

Inverse Universe

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



061370



001291



2D0670



323338



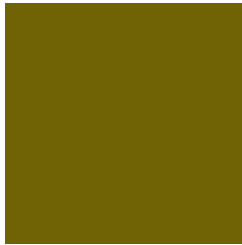
000F78



001EF7

Previews

White Background



This preview shows how the Hex color 706306 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

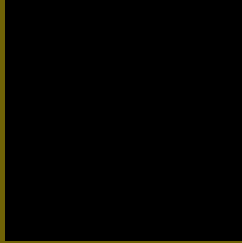
Any Text WCAG AA × Fail

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 706306 Background



This preview shows how black text looks on a background with the Hex color 706306.



This preview shows how white text looks on a background with the Hex color 706306.

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](#).

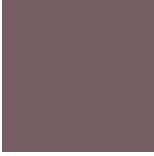
Dichromacy



Original Color
706306

Protanopia
706306

Deuteranopia
7D5E0D



Tritanopia
765C63

Trichromacy



Original Color
706306

Protanomaly
706306

Deuteranomaly
78600A

Tritanomaly
745F41

Monochromacy



Original Color
706306

Achromatopsia
5C5C5C

Achromatomaly
635F3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 706306 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 #706306 looks like.

```
.text, #text, p{  
    color:#706306  
}
```

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 #706306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706306
}
```

Border

The CSS property to change the border of an element to Hex 706306 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
#706306 }
```

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

```
.border{ border-color:#706306 }
```

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

Here you see how a box with a 4 pixel #706306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706306; -webkit-box-shadow:4px 4px  
4px 4px #706306; box-shadow:4px 4px 4px  
4px #706306 }
```

Background

The CSS property to change the background color of an element to Hex 706306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706306 }
```

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

```
.background{ background-color:#706306 }
```

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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