

Converting Colors

Hex(686E00)

Have a look what the booklet for
Hex(686E00) contains.

Hex(686E00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(686E00)

Conversions

Conversions Part 1

Format	Color
Hex	686E00
RGB	104, 110, 0
RGB Percent	41%, 43%, 0%
CMY	0.5922, 0.5686, 1.0000
CMYK	0.05, 0.00, 1.00, 0.57
HSL	63°, 100%, 22%
HSV	63°, 100%, 43%
XYZ	11.2849, 14.0949, 2.1258
YIQ	95.6660, 31.7340, -35.4820

Conversions

Conversions Part 2

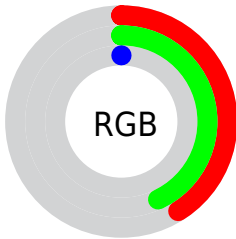
Format	Color
RYB	0, 110, 6
Decimal	6843904
CIELab	44.37, -14.46, 50.23
CIELCh	44, 52.271, 106.063
Yxy	14.0949, 0.4103, 0.5124
Android (android.graphics.Color)	4285033984 (0xFF686E00)
YUV	95.6660, -47.1633, 7.3089
Hunter-Lab	37.5432, -12.0465, 22.9230

Details

The Hex color **686E00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **06006E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9EA13D**, and **353F00** is the 20% darker color. If you saturate the color by 10%, you get **686E00**, and if you desaturate by 10%, it is **696E0B**.

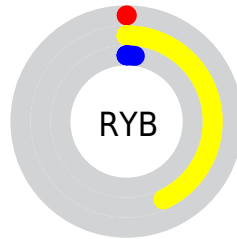
Distribution



Red (41%)

Green (43%)

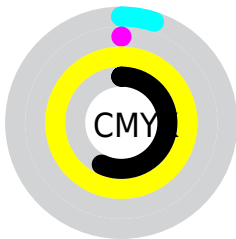
Blue (0%)



Red (0%)

Yellow (43%)

Blue (2%)

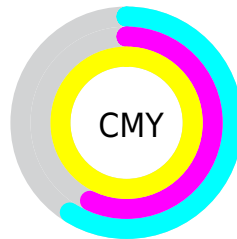


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (59%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686E00 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 686E00 by changing the saturation by 10% instead.

 686E00

 686E00

 FFFFFC

 4E5600

 9EA13D

 353F00

 BABC57

 1C2900

 D7D871

 001600

 F4F48C

 000000

 FFFFA7

 FFFFC3

 FFFFDF

 686E00

 696E0B

 696E16

 6A6E21

 6A6E2C

 6B6E37

 6C6E42

 6C6E4D

 6D6E58

 6D6E63

Harmonies

Analogous

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



8F5F06



686E00



347728

Triad

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



686E00



007BA7



AD407F

Complementary

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



686E00



06006E

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.



8852A6



686E00



0074BD

Square

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



686E00



007D80



3C66BD



B73E53

Rectangle

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



686E00



007B44



3C66BD



A4458D

Sweetspot

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



686E00



8C8F64



6E0600



46472E



C7C7C7



474747

Same Dimension

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



686E00



878F00



316E00



383832



717800



EAF700

Inverse Universe

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



06006E



08008F



3C006E



333238



070078



0D00F7

Previews

White Background



This preview shows how the Hex color 686E00 looks on a white background.

Color Contrast Check

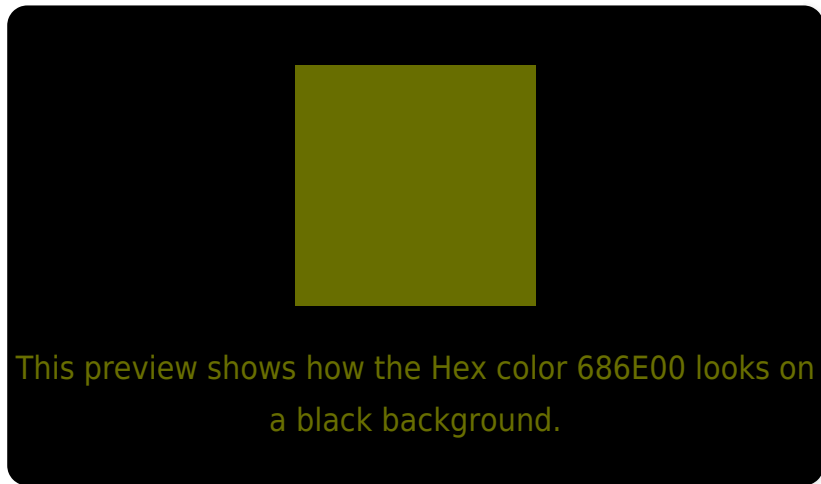
Large Text (above 18pt) WCAG AA ✓ Pass

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 686E00 Background



This preview shows how black text looks on a background with the Hex color 686E00.



This preview shows how white text looks on a background with the Hex color 686E00.

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](#).

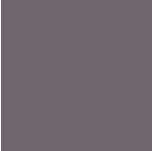
Dichromacy



Original Color
686E00

Protanopia
766900

Deuteranopia
846412



Tritanopia
70666E

Trichromacy



Original Color
686E00

Protanomaly
716B00

Deuteranomaly
7A680B

Tritanomaly
6D6946

Monochromacy



Original Color
686E00

Achromatopsia
606060

Achromatomaly
63653D

CSS Examples

Text

The CSS property to change the color of the text to Hex 686E00 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 #686E00 looks like.

```
.text, #text, p{  
    color:#686E00  
}
```

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 #686E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686E00
}
```

Border

The CSS property to change the border of an element to Hex 686E00 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
#686E00 }
```

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

```
.border{ border-color:#686E00 }
```

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

Here you see how a box with a 4 pixel #686E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686E00; -webkit-box-shadow:4px 4px  
4px 4px #686E00; box-shadow:4px 4px 4px  
4px #686E00 }
```

Background

The CSS property to change the background color of an element to Hex 686E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686E00 }
```

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

```
.background{ background-color:#686E00 }
```

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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