

Converting Colors

Hex(686C19)

Have a look what the booklet for
Hex(686C19) contains.

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Color

Hex(686C19)

Conversions

Conversions Part 1

Format	Color
Hex	686C19
RGB	104, 108, 25
RGB Percent	41%, 42%, 10%
CMY	0.5922, 0.5765, 0.9020
CMYK	0.04, 0.00, 0.77, 0.58
HSL	63°, 62%, 26%
HSV	63°, 77%, 42%
XYZ	11.2469, 13.7384, 2.9787
YIQ	97.3420, 24.2590, -26.6610

Conversions

Conversions Part 2

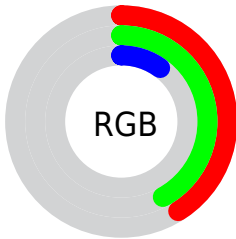
Format	Color
RYB	25, 108, 29
Decimal	6843417
CIELab	43.86, -12.53, 42.94
CIElCh	44, 44.725, 106.263
Yxy	13.7384, 0.4022, 0.4913
Android (android.graphics.Color)	4285033497 (0xFF686C19)
YUV	97.3420, -35.6646, 5.8391
Hunter-Lab	37.0653, -10.7009, 21.1810

Details

The Hex color **686C19** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1D196C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9E9F4B**, and **363D00** is the 20% darker color. If you saturate the color by 10%, you get **676C0E**, and if you desaturate by 10%, it is **696C24**.

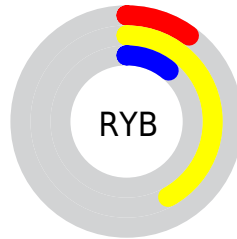
Distribution



Red (41%)

Green (42%)

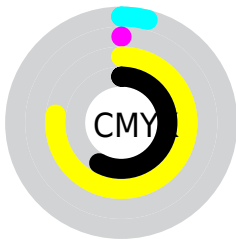
Blue (10%)



Red (10%)

Yellow (42%)

Blue (11%)

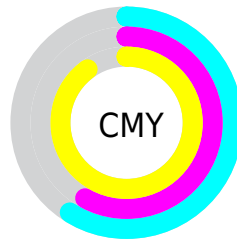


Cyan (4%)

Magenta (0%)

Yellow (77%)

Black (58%)



Cyan (59%)

Magenta (58%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 686C19 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 686C19 by changing the saturation by 10% instead.



686C19



686C19

FFFFFF



4E5400



9E9F4B



363D00



B9BA65



1D2700



D6D67F



001400



F3F299



000000



FFFFB5



FFFFD1



FFFFED



686C19



686C19

■ 676C0E

■ 696C24

■ 676C03

■ 696C2F

■ 676C00

■ 6A6C39

■ 6A6C44

■ 6B6C4F

■ 6B6C5A

■ 6C6C65

■ 6C6C6F

■ 6D6C7A

Harmonies

Analogous

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



89601B



686C19



3D7431

Triad

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



686C19



00779D



A2487A

Complementary

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



686C19



1D196C

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.



83559B



686C19



0071B0

Square

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



686C19



007A7B



4865AF



AB4655

Rectangle

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



686C19



007748



4865AF



9B4B86

Sweetspot

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



686C19



8B8C6C



6C1C19



464733



C7C7C7



474747

Same Dimension

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



686C19



868C0B



406C19



353630



707500



E9F500

Inverse Universe

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



1D196C



110B8C



45196C



303036



060075



0C00F5

Previews

White Background



This preview shows how the Hex color 686C19 looks on a white background.

Color Contrast Check

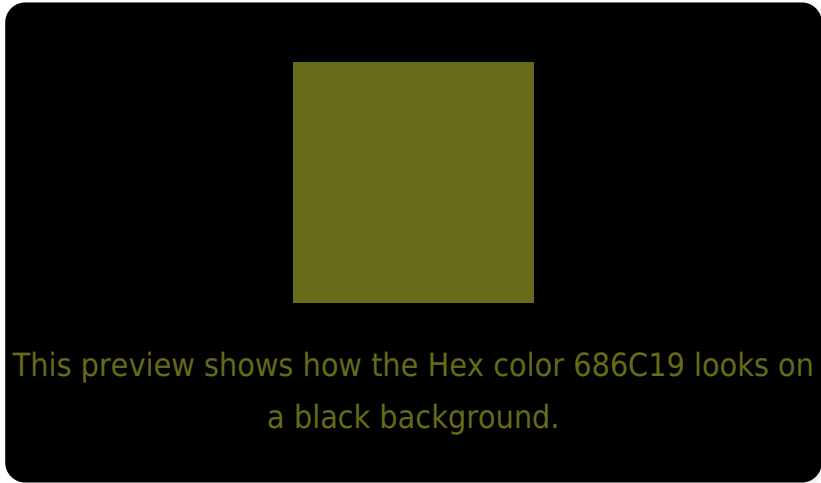
Large Text (above 18pt) WCAG AA ✓ Pass

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

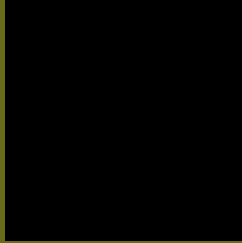
Any Text WCAG AA × Fail

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 686C19 Background



This preview shows how black text looks on a background with the Hex color 686C19.



This preview shows how white text looks on a background with the Hex color 686C19.

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](#).

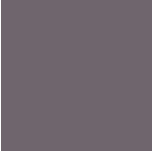
Dichromacy



Original Color
686C19

Protanopia
756818

Deuteranopia
82621E



Tritanopia
6F656D

Trichromacy



Original Color
686C19

Protanomaly
706918

Deuteranomaly
79661C

Tritanomaly
6C684E

Monochromacy



Original Color
686C19

Achromatopsia
616161

Achromatomaly
646547

CSS Examples

Text

The CSS property to change the color of the text to Hex 686C19 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 #686C19 looks like.

```
.text, #text, p{  
    color:#686C19  
}
```

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 #686C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686C19
}
```

Border

The CSS property to change the border of an element to Hex 686C19 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
#686C19 }
```

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

```
.border{ border-color:#686C19 }
```

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

Here you see how a box with a 4 pixel #686C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686C19; -webkit-box-shadow:4px 4px  
4px 4px #686C19; box-shadow:4px 4px 4px  
4px #686C19 }
```

Background

The CSS property to change the background color of an element to Hex 686C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686C19 }
```

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

```
.background{ background-color:#686C19 }
```

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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