

Converting Colors

Hex(685307)

Have a look what the booklet for
Hex(685307) contains.

Hex(685307)	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(685307)

Conversions

Conversions Part 1

Format	Color
Hex	685307
RGB	104, 83, 7
RGB Percent	41%, 33%, 3%
CMY	0.5922, 0.6745, 0.9725
CMYK	0.00, 0.20, 0.93, 0.59
HSL	47°, 87%, 22%
HSV	47°, 93%, 41%
XYZ	8.8405, 9.1449, 1.5002
YIQ	80.6150, 36.9120, -19.1840

Conversions

Conversions Part 2

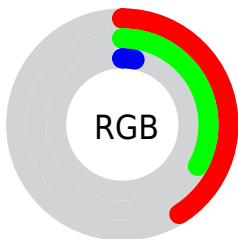
Format	Color
RYB	34, 104, 7
Decimal	6836999
CIELab	36.26, 1.28, 42.16
CIELCh	36, 42.179, 88.266
Yxy	9.1449, 0.4537, 0.4693
Android (android.graphics.Color)	4285027079 (0xFF685307)
YUV	80.6150, -36.2922, 20.5086
Hunter-Lab	30.2406, -0.7383, 18.2271

Details

The Hex color **685307** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **071C68**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9E843B**, and **352700** is the 20% darker color. If you saturate the color by 10%, you get **685100**, and if you desaturate by 10%, it is **685511**.

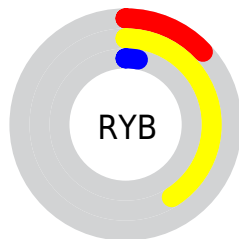
Distribution



Red (41%)

Green (33%)

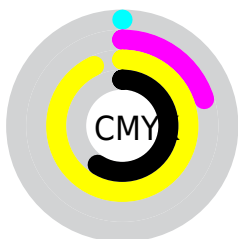
Blue (3%)



Red (13%)

Yellow (41%)

Blue (3%)

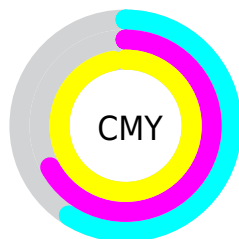


Cyan (0%)

Magenta (20%)

Yellow (93%)

Black (59%)



Cyan (59%)

Magenta (67%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 685307 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 685307 by changing the saturation by 10% instead.

 685307

 685307

 FFFFF7

 4E3C00

 9E843B

 352700

 BB9E54

 1C1300

 D7B96D

 000000

 F5D587

 FFF1A2

 FFFFBE

 FFFFDA

 685307

 685307

■ 685100

■ 685511

■ 68581C

■ 685A26

■ 685C31

■ 685E3B

■ 686145

■ 686350

■ 68655A

■ 686765

Harmonies

Analogous

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



82461B



685307



475D13

Triad

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



685307



006574



7C3E79

Complementary

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



685307



071C68

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.



514D91



685307



00628E

Square

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



685307



006552



005A99



903459

Rectangle

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



685307



296125



005A99



714383

Sweetspot

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



685307



877F61



68071C



45402D



C4C4C4



454545

Same Dimension

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



685307



876A00



4D6807



33322E



735A00



F2BE00

Inverse Universe

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



071C68



001D87



220768



2E2F33



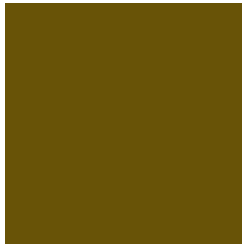
001973



0034F2

Previews

White Background



This preview shows how the Hex color 685307 looks on a white background.

Color Contrast Check

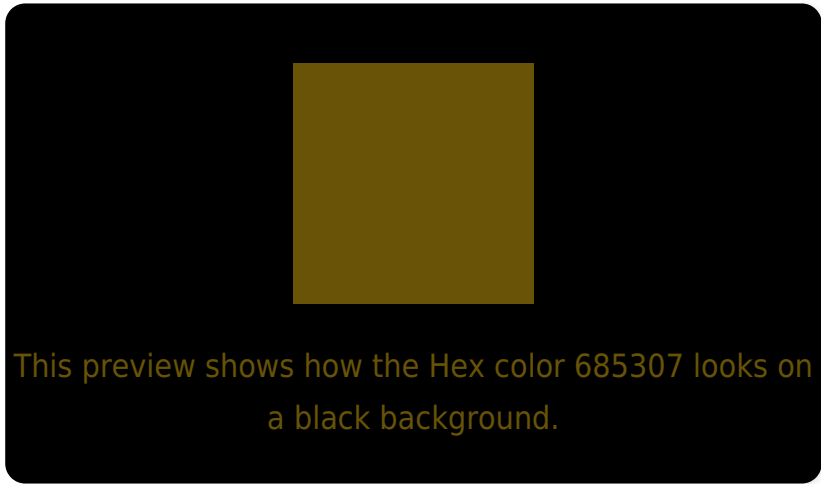
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

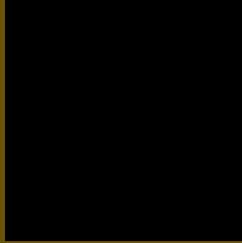
Any Text WCAG AA × Fail

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 685307 Background



This preview shows how black text looks on a background with the Hex color 685307.



This preview shows how white text looks on a background with the Hex color 685307.

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
685307

Protanopia
615608

Deuteranopia
6C510A



Tritanopia
6C4D53

Trichromacy



Original Color
685307

Protanomaly
645508

Deuteranomaly
6B5209

Tritanomaly
6B4F37

Monochromacy



Original Color
685307

Achromatopsia
515151

Achromatomaly
595236

CSS Examples

Text

The CSS property to change the color of the text to Hex 685307 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 #685307 looks like.

```
.text, #text, p{  
    color:#685307  
}
```

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 #685307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685307
}
```

Border

The CSS property to change the border of an element to Hex 685307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

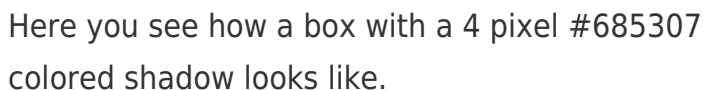
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#685307 }
```

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

```
.border{ border-color:#685307 }
```

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



Here you see how a box with a 4 pixel #685307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685307; -webkit-box-shadow:4px 4px  
4px 4px #685307; box-shadow:4px 4px 4px  
4px #685307 }
```

Background

The CSS property to change the background color of an element to Hex 685307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685307 }
```

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

```
.background{ background-color:#685307 }
```

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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