

Converting Colors

Hex(687330)

Have a look what the booklet for
Hex(687330) contains.

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Color

Hex(687330)

Conversions

Conversions Part 1

Format	Color
Hex	687330
RGB	104, 115, 48
RGB Percent	41%, 45%, 19%
CMY	0.5922, 0.5490, 0.8118
CMYK	0.10, 0.00, 0.58, 0.55
HSL	70°, 41%, 32%
HSV	70°, 58%, 45%
XYZ	12.3732, 15.4179, 5.1201
YIQ	104.0730, 14.9510, -23.1690

Conversions

Conversions Part 2

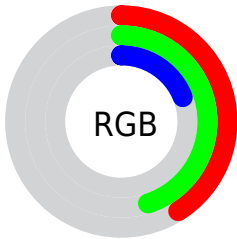
Format	Color
RYB	48, 115, 59
Decimal	6845232
CIELab	46.20, -14.70, 35.05
CIELCh	46, 38.013, 112.755
Yxy	15.4179, 0.3760, 0.4685
Android (android.graphics.Color)	4285035312 (0xFF687330)
YUV	104.0730, -27.6440, -0.0640
Hunter-Lab	39.2657, -12.4671, 19.7547

Details

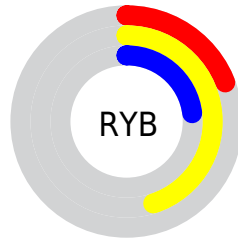
The Hex color **687330** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3073**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9DA761**, and **374300** is the 20% darker color. If you saturate the color by 10%, you get **667325**, and if you desaturate by 10%, it is **6A733C**.

Distribution



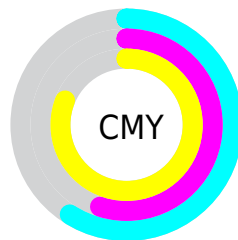
- Red (41%)
- Green (45%)
- Blue (19%)



- Red (19%)
- Yellow (45%)
- Blue (23%)



- Cyan (10%)
- Magenta (0%)
- Yellow (58%)
- Black (55%)



- Cyan (59%)
- Magenta (55%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687330 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 687330 by changing the saturation by 10% instead.

 687330

 687330

FFFFFF

 4F5A18

 9DA761

 374300

 B8C27A

 202D00

 D4DE94

 001A00

 F1FAAF

 000000

 FFFFCB

 FFFFE7

 687330

 687330

 667325

 6A733C

■ 647319

■ 6C7347

■ 62730D

■ 6E7353

■ 607302

■ 70735E

■ 607300

■ 71736A

■ 737375

■ 757381

■ 77738C

■ 797398

Harmonies

Analogous

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



87692C



687330



427A45

Triad

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



687330



007A9F



A45377

Complementary

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



687330



3B3073

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.



8D5C94



687330



1273AC

Square

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



687330



007D85



6368A8



A95457

Rectangle

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



687330



197C59



6368A8



9F5581

Sweetspot

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



687330



92967D



733A30



4A4D3D



CCCCCC



4D4D4D

Same Dimension

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



687330



85962D



477330



3A3B35



667A00



D1FA00

Inverse Universe

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



3B3073



3E2D96



5C3073



36353B



14007A



2900FA

Previews

White Background



This preview shows how the Hex color 687330 looks on a white background.

Color Contrast Check

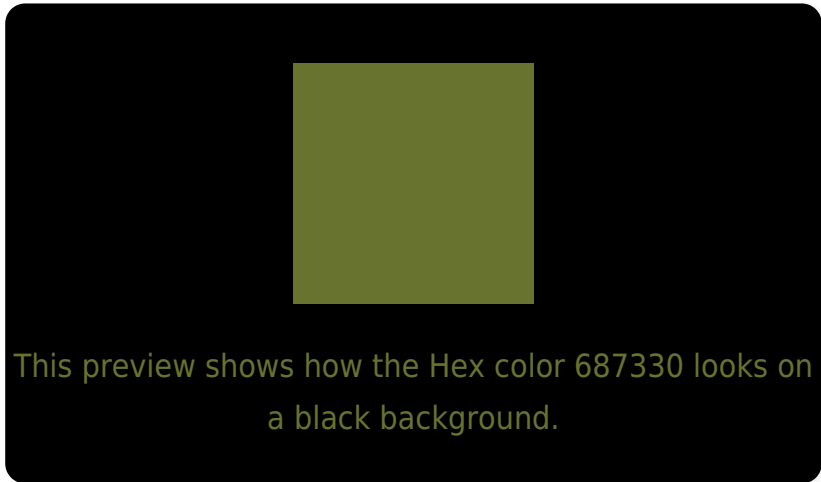
Large Text (above 18pt) WCAG AA ✓ Pass

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

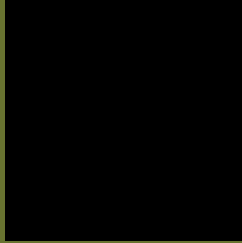
Any Text WCAG AA × Fail

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 687330 Background



This preview shows how black text looks on a background with the Hex color 687330.



This preview shows how white text looks on a background with the Hex color 687330.

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
687330

Protanopia
7A6D2E

Deuteranopia
876833



Tritanopia
6F6C74

Trichromacy



Original Color
687330

Protanomaly
736F2F

Deuteranomaly
7C6C32

Tritanomaly
6C6F5B

Monochromacy



Original Color
687330

Achromatopsia
686868

Achromatomaly
686C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 687330 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 #687330 looks like.

```
.text, #text, p{  
    color:#687330  
}
```

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 #687330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687330
}
```

Border

The CSS property to change the border of an element to Hex 687330 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
#687330 }
```

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

```
.border{ border-color:#687330 }
```

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

Here you see how a box with a 4 pixel #687330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687330; -webkit-box-shadow:4px 4px  
4px 4px #687330; box-shadow:4px 4px 4px  
4px #687330 }
```

Background

The CSS property to change the background color of an element to Hex 687330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687330 }
```

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

```
.background{ background-color:#687330 }
```

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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