

Converting Colors

Hex(687246)

Have a look what the booklet for
Hex(687246) contains.

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Color

Hex(687246)

Conversions

Conversions Part 1

Format	Color
Hex	687246
RGB	104, 114, 70
RGB Percent	41%, 45%, 27%
CMY	0.5922, 0.5529, 0.7255
CMYK	0.09, 0.00, 0.39, 0.55
HSL	74°, 24%, 36%
HSV	74°, 39%, 45%
XYZ	12.8317, 15.4199, 8.0944
YIQ	105.9940, 8.1640, -15.8040

Conversions

Conversions Part 2

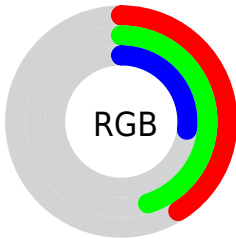
Format	Color
RYB	70, 114, 80
Decimal	6844998
CIELab	46.20, -11.62, 23.15
CIELCh	46, 25.906, 116.655
Yxy	15.4199, 0.3530, 0.4243
Android (android.graphics.Color)	4285035078 (0xFF687246)
YUV	105.9940, -17.7450, -1.7487
Hunter-Lab	39.2682, -10.3905, 15.2662

Details

The Hex color **687246** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504672**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9CA677**, and **384219** is the 20% darker color. If you saturate the color by 10%, you get **65723B**, and if you desaturate by 10%, it is **6B7251**.

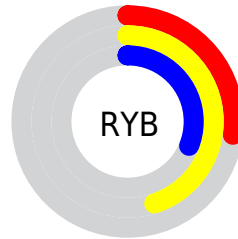
Distribution



Red (41%)

Green (45%)

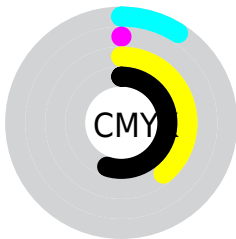
Blue (27%)



Red (27%)

Yellow (45%)

Blue (31%)

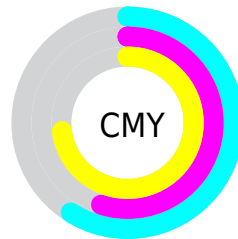


Cyan (9%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687246 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 687246 by changing the saturation by 10% instead.



687246



687246

FFFFFF



4F5A2F



9CA677



384219



B7C191



222C00



D3DDAB



051800



EFF9C7



000000



FFFFE3



687246



687246



65723B



6B7251



63722F



6D725D

607224

707268

5E7218

727274

5B720D

75727F

587202

78728A

587200

7A7296

7D72A1

7F72AD

Harmonies

Analogous

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



7E6B42



687246



4F7755

Triad

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



687246



287691



955D71

Complementary

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



687246



504672

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.



876186



687246



4B7098

Square

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



687246



1B7980



6D6994



985E5B

Rectangle

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



687246



3C7963



6D6994



925E78

Sweetspot

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



687246



909482



725046



484A40



C9C9C9



4A4A4A

Same Dimension

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



687246



849450



527246



373832



5D7800



BFF700

Inverse Universe

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



504672



5F5094



664672



343238



1B0078



3800F7

Previews

White Background



This preview shows how the Hex color 687246 looks on a white background.

Color Contrast Check

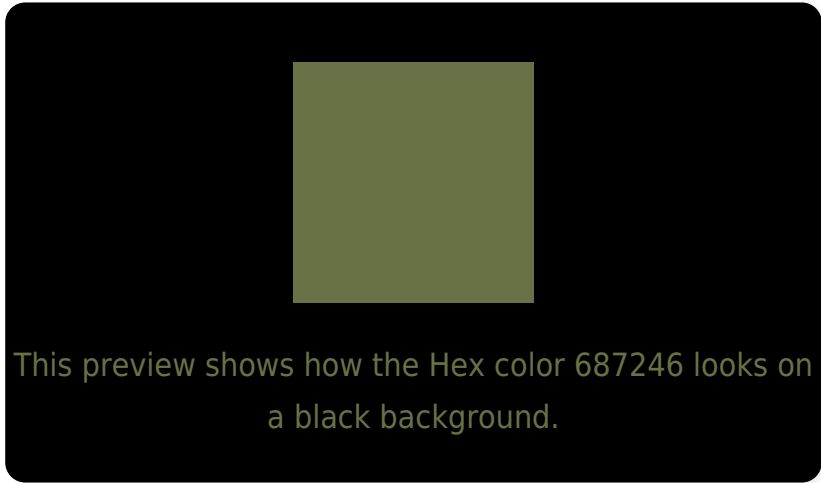
Large Text (above 18pt) WCAG AA ✓ Pass

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

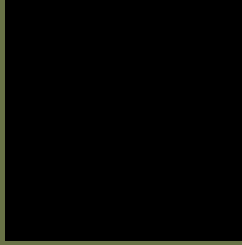
Any Text WCAG AA × Fail

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 687246 Background



This preview shows how black text looks on a background with the Hex color 687246.



This preview shows how white text looks on a background with the Hex color 687246.

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
687246

Protanopia
776D44

Deuteranopia
836948



Tritanopia
6E6C75

Trichromacy



Original Color
687246

Protanomaly
726F45

Deuteranomaly
796C47

Tritanomaly
6C6E64

Monochromacy



Original Color
687246

Achromatopsia
6A6A6A

Achromatomaly
696D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 687246 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 #687246 looks like.

```
.text, #text, p{  
    color:#687246  
}
```

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 #687246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687246
}
```

Border

The CSS property to change the border of an element to Hex 687246 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
#687246 }
```

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

```
.border{ border-color:#687246 }
```

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

Here you see how a box with a 4 pixel #687246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687246; -webkit-box-shadow:4px 4px  
4px 4px #687246; box-shadow:4px 4px 4px  
4px #687246 }
```

Background

The CSS property to change the background color of an element to Hex 687246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687246 }
```

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

```
.background{ background-color:#687246 }
```

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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