

Converting Colors

Hex(687458)

Have a look what the booklet for
Hex(687458) contains.

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Color

Hex(687458)

Conversions

Conversions Part 1

Format	Color
Hex	687458
RGB	104, 116, 88
RGB Percent	41%, 45%, 35%
CMY	0.5922, 0.5451, 0.6549
CMYK	0.10, 0.00, 0.24, 0.55
HSL	86°, 14%, 40%
HSV	86°, 24%, 45%
XYZ	13.7158, 16.1384, 11.6246
YIQ	109.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

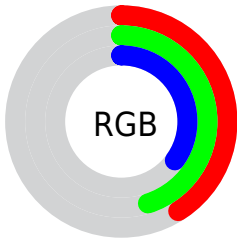
Format	Color
RYB	88, 116, 100
Decimal	6845528
CIELab	47.16, -9.96, 14.01
CIElCh	47, 17.191, 125.419
Yxy	16.1384, 0.3307, 0.3891
Android (android.graphics.Color)	4285035608 (0xFF687458)
YUV	109.2200, -10.4615, -4.5779
Hunter-Lab	40.1727, -9.3586, 10.9643

Details

The Hex color **687458** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **645874**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9BA88A**, and **39442A** is the 20% darker color. If you saturate the color by 10%, you get **63744C**, and if you desaturate by 10%, it is **6D7464**.

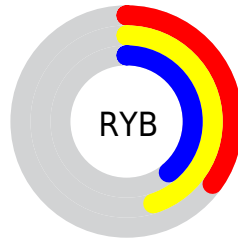
Distribution



Red (41%)

Green (45%)

Blue (35%)



Red (35%)

Yellow (45%)

Blue (39%)

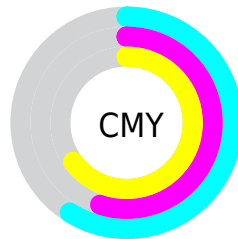


Cyan (10%)

Magenta (0%)

Yellow (24%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 687458 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 687458 by changing the saturation by 10% instead.



687458



687458

FFFFFF



505B41



9BA88A



39442A



B6C3A4



232E16



D2DFC0



0E1900



EEFCDB



000000



FFFFFF8



687458



687458



63744C



6D7464



5E7441



72746F

■ 597435

■ 77747B

■ 54742A

■ 7C7486

■ 4F741E

■ 817492

■ 4A7412

■ 86749E

■ 457407

■ 8B74A9

■ 427400

■ 9074B5

■ 9574C0

Harmonies

Analogous

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



787053



687458



587763

Triad

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



687458



50758A



8D656E

Complementary

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



687458



645874

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.



85677C



687458



62708C

Square

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



687458



477780



766B87



8C6760

Rectangle

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



687458



4E786D



766B87



8B6673

Sweetspot

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



687458



92968C



746458



4A4D46



CCCCCC



4D4D4D

Same Dimension

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



687458



84966B



5A7458



383B35



467A00



8FFA00

Inverse Universe

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



645874



7E6B96



725874



37353B



34007A



6B00FA

Previews

White Background



This preview shows how the Hex color 687458 looks on a white background.

Color Contrast Check

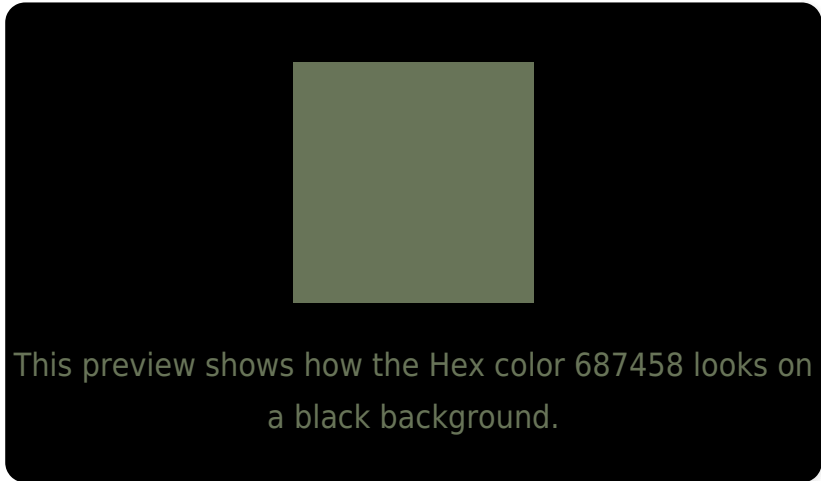
Large Text (above 18pt) WCAG AA ✓ Pass

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

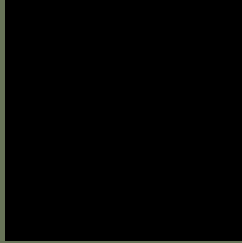
Any Text WCAG AA × Fail

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 687458 Background



This preview shows how black text looks on a background with the Hex color 687458.



This preview shows how white text looks on a background with the Hex color 687458.

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
687458

Protanopia
776F56

Deuteranopia
826B5A



Tritanopia
6D7079

Trichromacy



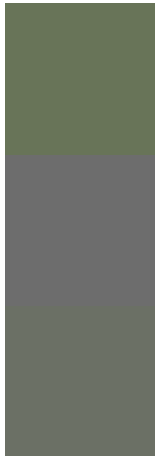
Original Color
687458

Protanomaly
727157

Deuteranomaly
796E59

Tritanomaly
6B716D

Monochromacy



Original Color
687458

Achromatopsia
6D6D6D

Achromatomaly
6B7065

CSS Examples

Text

The CSS property to change the color of the text to Hex 687458 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 #687458 looks like.

```
.text, #text, p{  
    color:#687458  
}
```

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 #687458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #687458
}
```

Border

The CSS property to change the border of an element to Hex 687458 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
#687458 }
```

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

```
.border{ border-color:#687458 }
```

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

Here you see how a box with a 4 pixel #687458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #687458; -webkit-box-shadow:4px 4px  
4px 4px #687458; box-shadow:4px 4px 4px  
4px #687458 }
```

Background

The CSS property to change the background color of an element to Hex 687458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#687458 }
```

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

```
.background{ background-color:#687458 }
```

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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