

Converting Colors

Hex(677238)

Have a look what the booklet for
Hex(677238) contains.

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Color

Hex(677238)

Conversions

Conversions Part 1

Format	Color
Hex	677238
RGB	103, 114, 56
RGB Percent	40%, 45%, 22%
CMY	0.5961, 0.5529, 0.7804
CMYK	0.10, 0.00, 0.51, 0.55
HSL	71°, 34%, 33%
HSV	71°, 51%, 45%
XYZ	12.3246, 15.2037, 6.0264
YIQ	104.0990, 12.0620, -20.3700

Conversions

Conversions Part 2

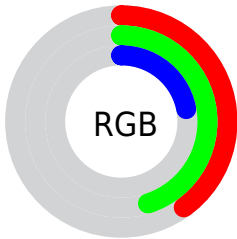
Format	Color
RYB	56, 114, 67
Decimal	6779448
CIELab	45.91, -13.79, 30.53
CIELCh	46, 33.495, 114.307
Yxy	15.2037, 0.3673, 0.4531
Android (android.graphics.Color)	4284969528 (0xFF677238)
YUV	104.0990, -23.7128, -0.9638
Hunter-Lab	38.9919, -11.8153, 18.1308

Details

The Hex color **677238** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **433872**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9BA669**, and **364209** is the 20% darker color. If you saturate the color by 10%, you get **65722D**, and if you desaturate by 10%, it is **697243**.

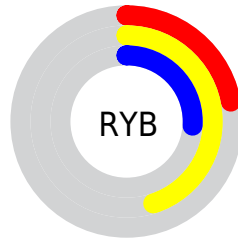
Distribution



Red (40%)

Green (45%)

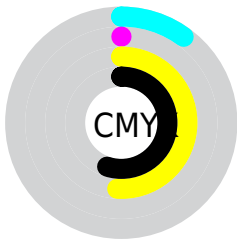
Blue (22%)



Red (22%)

Yellow (45%)

Blue (26%)

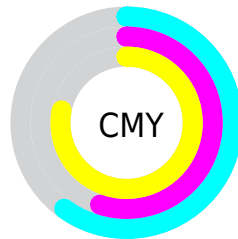


Cyan (10%)

Magenta (0%)

Yellow (51%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 677238 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 677238 by changing the saturation by 10% instead.



677238



677238

FFFFFF



4E5A21



9BA669



364209



B7C182



202C00



D3DD9C



001900



EFF9B8



000000



FFFFD3



FFFFF0



677238



677238



65722D



697243

■ 637221

■ 6B724F

■ 617216

■ 6D725A

■ 5E720A

■ 707266

■ 5C7200

■ 727271

■ 74727C

■ 767288

■ 787293

■ 7A729F

Harmonies

Analogous

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



836934



677238



46784B

Triad

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



677238



00789A



9E5673

Complementary

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



677238



433872

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.



8B5D8E



677238



3171A4

Square

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



677238



007B83



6767A0



A25757

Rectangle

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



677238



287A5D



6767A0



99587D

Sweetspot

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



677238



90947E



724338



474A3D



C9C9C9



4A4A4A

Same Dimension

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



677238



83943A



4A7238



373832



617800



C8F700

Inverse Universe

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



433872



4B3A94



603872



343238



170078



2F00F7

Previews

White Background



This preview shows how the Hex color 677238 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

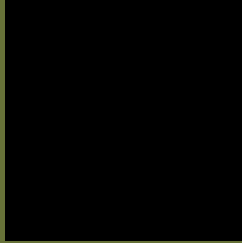
Any Text WCAG AA × Fail

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 677238 Background



This preview shows how black text looks on a background with the Hex color 677238.



This preview shows how white text looks on a background with the Hex color 677238.

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
677238

Protanopia
786D36

Deuteranopia
85683B



Tritanopia
6E6B74

Trichromacy



Original Color
677238

Protanomaly
726F37

Deuteranomaly
7A6C3A

Tritanomaly
6B6E5E

Monochromacy



Original Color
677238

Achromatopsia
686868

Achromatomaly
686C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 677238 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 #677238 looks like.

```
.text, #text, p{  
    color:#677238  
}
```

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 #677238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677238  
}
```

Border

The CSS property to change the border of an element to Hex 677238 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  
#677238 }
```

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

```
.border{ border-color:#677238 }
```

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

Here you see how a box with a 4 pixel #677238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677238; -webkit-box-shadow:4px 4px  
4px 4px #677238; box-shadow:4px 4px 4px  
4px #677238 }
```

Background

The CSS property to change the background color of an element to Hex 677238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677238 }
```

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

```
.background{ background-color:#677238 }
```

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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