

Converting Colors

Hex(676A32)

Have a look what the booklet for
Hex(676A32) contains.

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Color

Hex(676A32)

Conversions

Conversions Part 1

Format	Color
Hex	676A32
RGB	103, 106, 50
RGB Percent	40%, 42%, 20%
CMY	0.5961, 0.5843, 0.8039
CMYK	0.03, 0.00, 0.53, 0.58
HSL	63°, 36%, 31%
HSV	63°, 53%, 42%
XYZ	11.3233, 13.4219, 5.0115
YIQ	98.7190, 16.1880, -18.0520

Conversions

Conversions Part 2

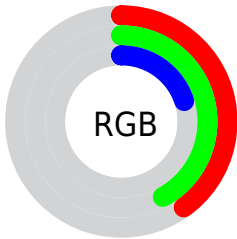
Format	Color
RYB	50, 106, 53
Decimal	6777394
CIELab	43.39, -9.97, 30.73
CIELCh	43, 32.304, 107.986
Yxy	13.4219, 0.3805, 0.4511
Android (android.graphics.Color)	4284967474 (0xFF676A32)
YUV	98.7190, -24.0185, 3.7544
Hunter-Lab	36.6359, -8.9429, 17.5348

Details

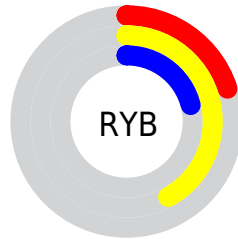
The Hex color **676A32** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **35326A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9B9D62**, and **363B03** is the 20% darker color. If you saturate the color by 10%, you get **666A27**, and if you desaturate by 10%, it is **686A3D**.

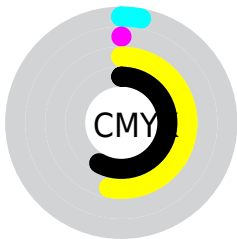
Distribution



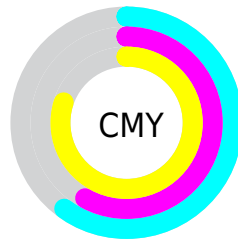
- Red (40%)
- Green (42%)
- Blue (20%)



- Red (20%)
- Yellow (42%)
- Blue (21%)



- Cyan (3%)
- Magenta (0%)
- Yellow (53%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 676A32 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 676A32 by changing the saturation by 10% instead.



676A32



676A32

FFFFFF



4E521B



9B9D62



363B03



B7B87B



202500



D3D496



001200



EFF0B0



000000



FFF0CC



FFF0E8



676A32



676A32



666A27



686A3D

■ 666A1D

■ 686A47

■ 656A12

■ 696A52

■ 656A08

■ 696A5C

■ 646A00

■ 6A6A67

■ 6A6A72

■ 6B6A7C

■ 6C6A87

■ 6C6A91

Harmonies

Analogous

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



806132



676A32



487042

Triad

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



676A32



00728E



935272

Complementary

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



676A32



35326A

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.



7D598B



676A32



1D6C9A

Square

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



676A32



007476



586499



9A5157

Rectangle

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



676A32



2F7352



586499



8D547B

Sweetspot

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



676A32



898A74



6A3532



444538



C4C4C4



454545

Same Dimension

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



676A32



858A33



4B6A32



353630



6F7500



E8F500

Inverse Universe

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



35326A



38338A



51326A



303036



060075



0D00F5

Previews

White Background



This preview shows how the Hex color 676A32 looks on a white background.

Color Contrast Check

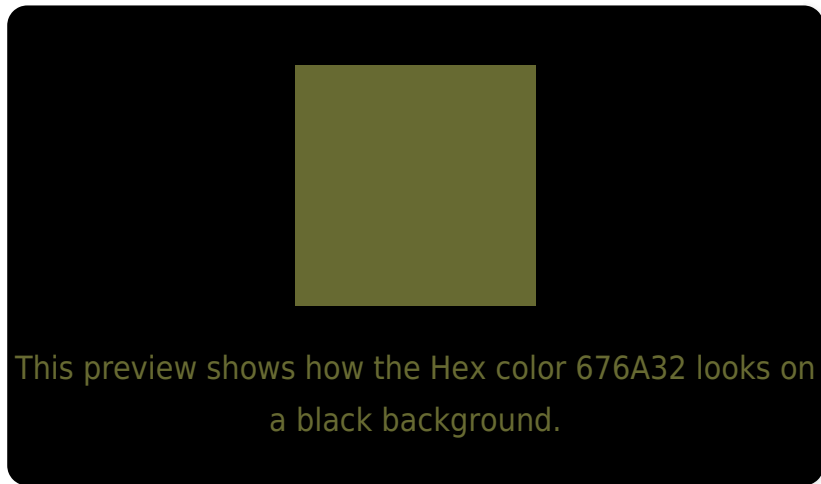
Large Text (above 18pt) WCAG AA ✓ Pass

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

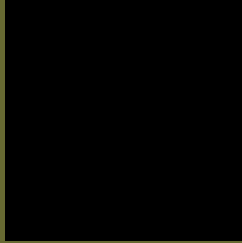
Any Text WCAG AA × Fail

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 676A32 Background



This preview shows how black text looks on a background with the Hex color 676A32.



This preview shows how white text looks on a background with the Hex color 676A32.

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](#).

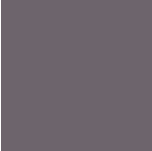
Dichromacy



Original Color
676A32

Protanopia
726731

Deuteranopia
7E6234



Tritanopia
6D646C

Trichromacy



Original Color
676A32

Protanomaly
6E6831

Deuteranomaly
766533

Tritanomaly
6B6657

Monochromacy



Original Color
676A32

Achromatopsia
636363

Achromatomaly
646651

CSS Examples

Text

The CSS property to change the color of the text to Hex 676A32 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 #676A32 looks like.

```
.text, #text, p{  
    color:#676A32  
}
```

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 #676A32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676A32
}
```

Border

The CSS property to change the border of an element to Hex 676A32 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
#676A32 }
```

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

```
.border{ border-color:#676A32 }
```

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

Here you see how a box with a 4 pixel #676A32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676A32; -webkit-box-shadow:4px 4px  
4px 4px #676A32; box-shadow:4px 4px 4px  
4px #676A32 }
```

Background

The CSS property to change the background color of an element to Hex 676A32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676A32 }
```

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

```
.background{ background-color:#676A32 }
```

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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