

# Converting Colors

Hex(675D18)

Have a look what the booklet for  
Hex(675D18) contains.

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**Color**

**Hex(675D18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	675D18
RGB	103, 93, 24
RGB Percent	40%, 36%, 9%
CMY	0.5961, 0.6353, 0.9059
CMYK	0.00, 0.10, 0.77, 0.60
HSL	52°, 62%, 25%
HSV	52°, 77%, 40%
XYZ	9.6727, 10.7782, 2.4347
YIQ	88.1240, 28.1090, -19.3390

# Conversions

## Conversions Part 2

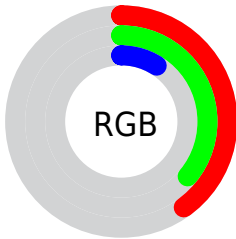
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 103, 24
Decimal	6774040
CIE Lab	39.20, -4.51, 38.83
CIE LCh	39, 39.095, 96.626
Yxy	10.7782, 0.4227, 0.4710
Android (android.graphics.Color)	4284964120 (0xFF675D18)
YUV	88.1240, -31.6131, 13.0463
Hunter-Lab	32.8302, -4.8615, 18.5841

# Details

The Hex color **675D18** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **182267**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9D8F49**, and **352F00** is the 20% darker color. If you saturate the color by 10%, you get **675C0E**, and if you desaturate by 10%, it is **675E22**.

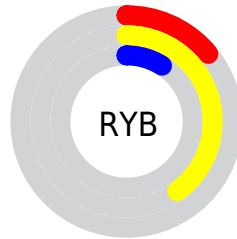
# Distribution



Red (40%)

Green (36%)

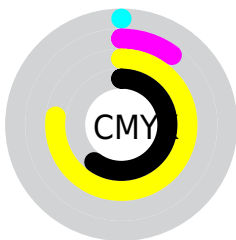
Blue (9%)



Red (14%)

Yellow (40%)

Blue (9%)

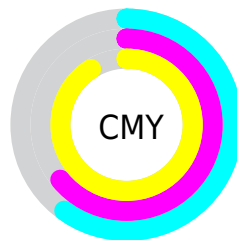


Cyan (0%)

Magenta (10%)

Yellow (77%)

Black (60%)



Cyan (60%)

Magenta (64%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675D18 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 675D18 by changing the saturation by 10% instead.



675D18

675D18

FFFFFF

4D4600

9D8F49

352F00

B8A962

1D1B00

D5C57B

000000

F2E096

FFFDB1

FFF FCC

FFF FE9

675D18

675D18

■ 675C0E

■ 675E22

■ 675A03

■ 67602D

■ 675A00

■ 676137

■ 676241

■ 67644C

■ 676556

■ 676660

■ 67676A

■ 676975

# Harmonies

## Analogous

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



825221



675D18



456526

# Triad

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



675D18



006B81



894476

# Complementary

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



675D18



182267

# 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.



675190



675D18



006696

# Square

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



675D18



006C63



295E9C



963F57

# Rectangle

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



675D18



276938



295E9C



804880



# Sweetspot

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



675D18



878368



671823



454232



C4C4C4



454545



# Same Dimension

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



675D18



87770B



4A6718



33322E



736400



F2D400



# Inverse Universe

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



182267



0B1B87



351867



2E2F33



000F73

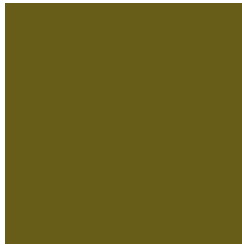


001FF2



# Previews

## White Background



This preview shows how the Hex color 675D18 looks on a white background.

## Color Contrast Check

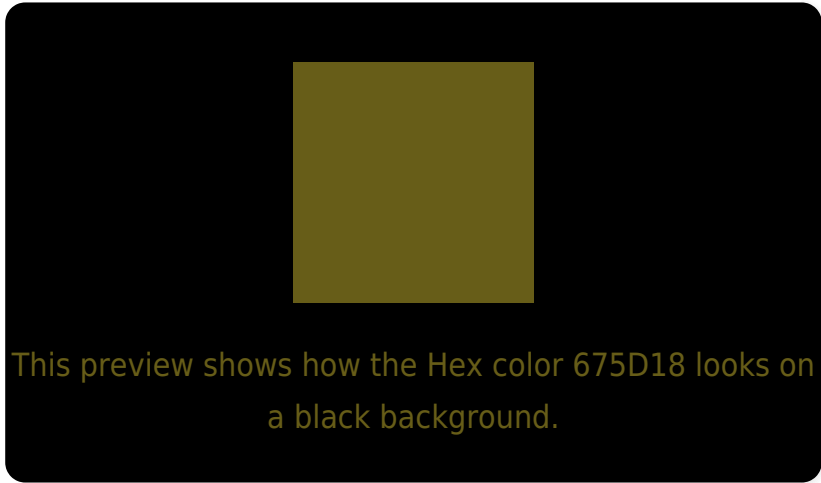
Large Text (above 18pt) WCAG AA ✓ Pass

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

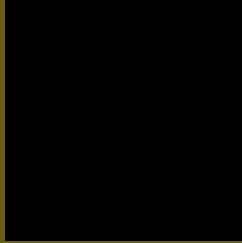
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 675D18 Background



This preview shows how black text looks on a background with the Hex color 675D18.



This preview shows how white text looks on a background with the Hex color 675D18.

# 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**  
675D18

**Protanopia**  
685D18

**Deuteranopia**  
74581A



**Tritanopia**  
6C575D

# Trichromacy



**Original Color**  
675D18

**Protanomaly**  
685D18

**Deuteranomaly**  
6F5A19

**Tritanomaly**  
6A5944

# Monochromacy



**Original Color**  
675D18

**Achromatopsia**  
585858

**Achromatomaly**  
5D5A41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675D18 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 #675D18 looks like.

```
.text, #text, p{  
    color:#675D18  
}
```

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 #675D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675D18
}
```

## Border

The CSS property to change the border of an element to Hex 675D18 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
#675D18 }
```

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

```
.border{ border-color:#675D18 }
```

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

Here you see how a box with a 4 pixel #675D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675D18; -webkit-box-shadow:4px 4px  
4px 4px #675D18; box-shadow:4px 4px 4px  
4px #675D18 }
```

# Background

The CSS property to change the background color of an element to Hex 675D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675D18 }
```

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

```
.background{ background-color:#675D18 }
```

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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