

Converting Colors

Hex(745B36)

Have a look what the booklet for
Hex(745B36) contains.

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Color

Hex(745B36)

Conversions

Conversions Part 1

Format	Color
Hex	745B36
RGB	116, 91, 54
RGB Percent	45%, 36%, 21%
CMY	0.5451, 0.6431, 0.7882
CMYK	0.00, 0.22, 0.53, 0.55
HSL	36°, 36%, 33%
HSV	36°, 53%, 45%
XYZ	11.6094, 11.4615, 5.0904
YIQ	94.2570, 26.7770, -6.2070

Conversions

Conversions Part 2

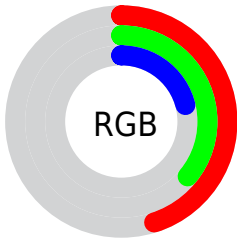
Format	Color
RYB	96, 116, 54
Decimal	7625526
CIELab	40.35, 5.21, 25.10
CIELCh	40, 25.635, 78.284
Yxy	11.4615, 0.4122, 0.4070
Android (android.graphics.Color)	4285815606 (0xFF745B36)
YUV	94.2570, -19.8467, 19.0686
Hunter-Lab	33.8549, 1.9646, 14.7835

Details

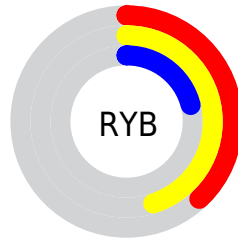
The Hex color **745B36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **364F74**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **AA8D66**, and **422D0A** is the 20% darker color. If you saturate the color by 10%, you get **74562A**, and if you desaturate by 10%, it is **746042**.

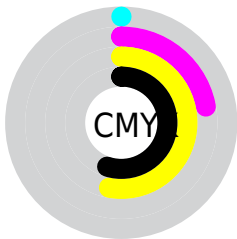
Distribution



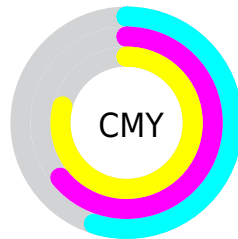
- Red (45%)
- Green (36%)
- Blue (21%)



- Red (38%)
- Yellow (45%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (53%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745B36 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 745B36 by changing the saturation by 10% instead.

 745B36

 745B36

FFFFFF

 5A4420

 AA8D66

 422D0A

 C6A77F

 2A1900

 E2C399

 0F0000

 FFDEB4

 000000

 FFFBCF

 FFFFEC

 745B36

 745B36

 74562A

 746042

■ 74521F

■ 74644D

■ 744D13

■ 746959

■ 744808

■ 746E64

■ 744500

■ 747270

■ 74777C

■ 747C87

■ 748093

■ 74859E

Harmonies

Analogous

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



825441



745B36



606237

Triad

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



745B36



076A6C



71557B

Complementary

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



745B36



364F74

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.



555D87



745B36



03687E

Square

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



745B36



2C6A56



316488



835068

Rectangle

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



745B36



50653D



316488



695880

Sweetspot

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



745B36



968D7E



743650



4D473E



CCCCCC



4D4D4D

Same Dimension

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



745B36



967036



6F7436



3B3835



7A4900



FA9500

Inverse Universe

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



364F74



365D96



3B3674



35373B



00317A



0065FA

Previews

White Background



This preview shows how the Hex color 745B36 looks on a white background.

Color Contrast Check

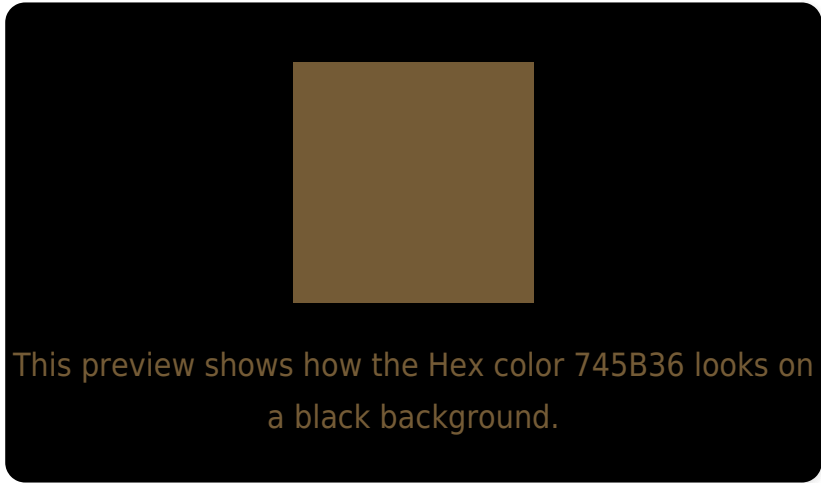
Large Text (above 18pt) WCAG AA ✓ Pass

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

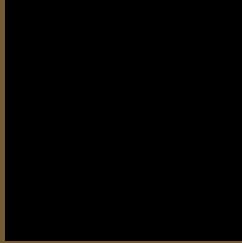
Any Text WCAG AA × Fail

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 745B36 Background



This preview shows how black text looks on a background with the Hex color 745B36.



This preview shows how white text looks on a background with the Hex color 745B36.

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
745B36

Protanopia
685F38

Deuteranopia
745B36



Tritanopia
77565D

Trichromacy



Original Color
745B36

Protanomaly
6C5E37

Deuteranomaly
745B36

Tritanomaly
76584F

Monochromacy



Original Color
745B36

Achromatopsia
5E5E5E

Achromatomaly
665D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 745B36 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 #745B36 looks like.

```
.text, #text, p{  
    color:#745B36  
}
```

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 #745B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745B36
}
```

Border

The CSS property to change the border of an element to Hex 745B36 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
#745B36 }
```

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

```
.border{ border-color:#745B36 }
```

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

Here you see how a box with a 4 pixel #745B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745B36; -webkit-box-shadow:4px 4px  
4px 4px #745B36; box-shadow:4px 4px 4px  
4px #745B36 }
```

Background

The CSS property to change the background color of an element to Hex 745B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745B36 }
```

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

```
.background{ background-color:#745B36 }
```

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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