

Converting Colors

Hex(6A5730)

Have a look what the booklet for
Hex(6A5730) contains.

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Color

Hex(6A5730)

Conversions

Conversions Part 1

Format	Color
Hex	6A5730
RGB	106, 87, 48
RGB Percent	42%, 34%, 19%
CMY	0.5843, 0.6588, 0.8118
CMYK	0.00, 0.18, 0.55, 0.58
HSL	40°, 38%, 30%
HSV	40°, 55%, 42%
XYZ	9.8856, 10.0940, 4.2236
YIQ	88.2350, 23.8430, -8.1010

Conversions

Conversions Part 2

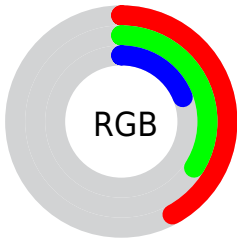
Format	Color
R_{YB}	76, 106, 48
Decimal	6969136
CIE _{Lab}	38.01, 2.33, 25.42
CIE _{LCh}	38, 25.526, 84.752
Yxy	10.0940, 0.4084, 0.4171
Android (android.graphics.Color)	4285159216 (0xFF6A5730)
YUV	88.2350, -19.8359, 15.5799
Hunter-Lab	31.7710, -0.0589, 14.3577

Details

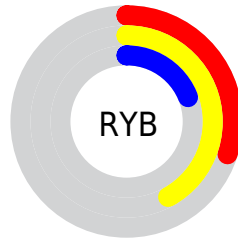
The Hex color **6A5730** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30436A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9F895F**, and **392A01** is the 20% darker color. If you saturate the color by 10%, you get **6A5425**, and if you desaturate by 10%, it is **6A5A3B**.

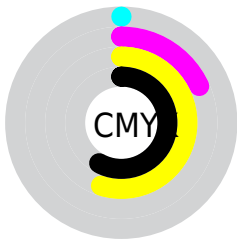
Distribution



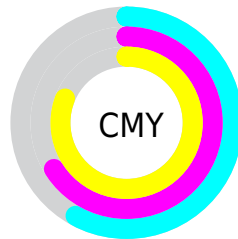
- Red (42%)
- Green (34%)
- Blue (19%)



- Red (30%)
- Yellow (42%)
- Blue (19%)



- Cyan (0%)
- Magenta (18%)
- Yellow (55%)
- Black (58%)



- Cyan (58%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5730 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 6A5730 by changing the saturation by 10% instead.



6A5730



6A5730

FFFFFF



51401A



9F895F



392A01



BAA378



211600



D7BE92



000000



F3DAAD



FFF6C8



FFFEE4



6A5730



6A5730



6A5425



6A5A3B

■ 6A501B

■ 6A5E45

■ 6A4D10

■ 6A6150

■ 6A4906

■ 6A655A

■ 6A4700

■ 6A6865

■ 6A6C70

■ 6A6F7A

■ 6A7385

■ 6A768F

Harmonies

Analogous

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



7A5038



6A5730



555D33

Triad

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



6A5730



00646A



704E72

Complementary

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



6A5730



30436A

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.



56557F



6A5730



00627B

Square

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



6A5730



1F6455



335D82



7E495E

Rectangle

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



6A5730



46613B



335D82



695077

Sweetspot

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



6A5730



8A8274



6A3043



454138



C4C4C4



454545

Same Dimension

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



6A5730



8A6C2F



606A30



363430



754F00



F5A500

Inverse Universe

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



30436A



2F4D8A



3A306A



303236



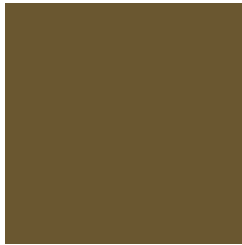
002675



0050F5

Previews

White Background



This preview shows how the Hex color 6A5730 looks on a white background.

Color Contrast Check

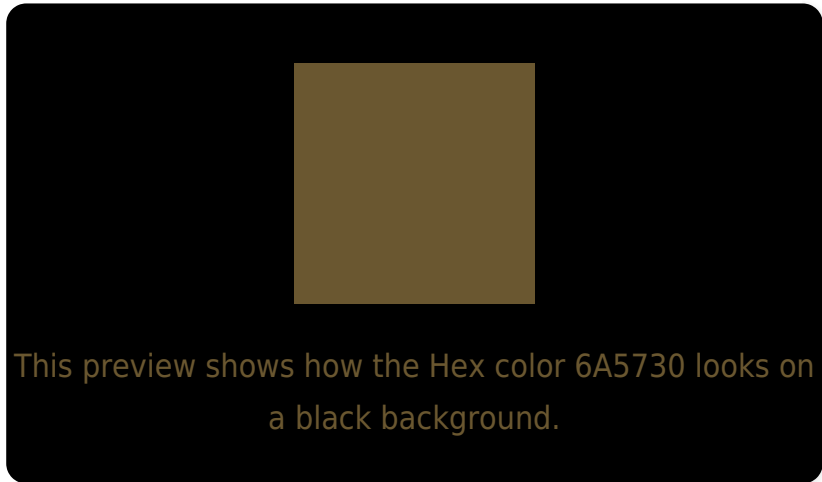
Large Text (above 18pt) WCAG AA ✓ Pass

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

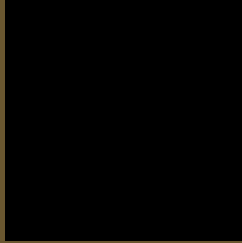
Any Text WCAG AA × Fail

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 6A5730 Background



This preview shows how black text looks on a background with the Hex color 6A5730.



This preview shows how white text looks on a background with the Hex color 6A5730.

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
6A5730

Protanopia
635A31

Deuteranopia
6E5530



Tritanopia
6E5259

Trichromacy



Original Color
6A5730

Protanomaly
665931

Deuteranomaly
6D5630

Tritanomaly
6D544A

Monochromacy



Original Color
6A5730

Achromatopsia
585858

Achromatomaly
5F5849

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5730 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 #6A5730 looks like.

```
.text, #text, p{  
    color:#6A5730  
}
```

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 #6A5730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5730
}
```

Border

The CSS property to change the border of an element to Hex 6A5730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

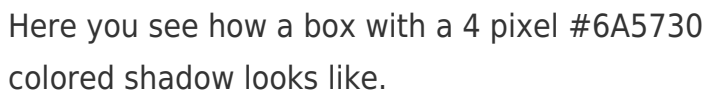
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5730 }
```

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

```
.border{ border-color:#6A5730 }
```

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



Here you see how a box with a 4 pixel #6A5730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5730; -webkit-box-shadow:4px 4px  
4px 4px #6A5730; box-shadow:4px 4px 4px  
4px #6A5730 }
```

Background

The CSS property to change the background color of an element to Hex 6A5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5730 }
```

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

```
.background{ background-color:#6A5730 }
```

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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