

Converting Colors

Hex(6D5623)

Have a look what the booklet for
Hex(6D5623) contains.

Hex(6D5623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D5623)

Conversions

Conversions Part 1

Format	Color
Hex	6D5623
RGB	109, 86, 35
RGB Percent	43%, 34%, 14%
CMY	0.5725, 0.6627, 0.8627
CMYK	0.00, 0.21, 0.68, 0.57
HSL	41°, 51%, 28%
HSV	41°, 68%, 43%
XYZ	9.9378, 10.0281, 3.0020
YIQ	87.0630, 30.0790, -10.9850

Conversions

Conversions Part 2

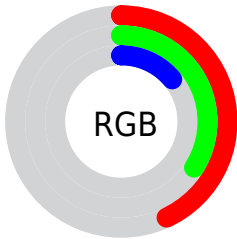
Format	Color
RYB	68, 109, 35
Decimal	7165475
CIELab	37.89, 3.26, 32.50
CIELCh	38, 32.662, 84.279
Yxy	10.0281, 0.4327, 0.4366
Android (android.graphics.Color)	4285355555 (0xFF6D5623)
YUV	87.0630, -25.6671, 19.2387
Hunter-Lab	31.6672, 0.5994, 16.5466

Details

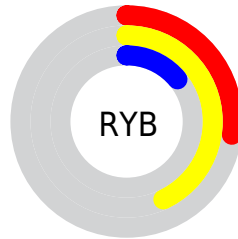
The Hex color **6D5623** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **233A6D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A38852**, and **3B2900** is the 20% darker color. If you saturate the color by 10%, you get **6D5318**, and if you desaturate by 10%, it is **6D592E**.

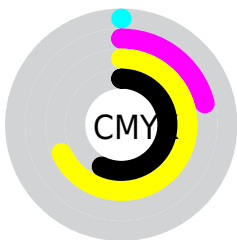
Distribution



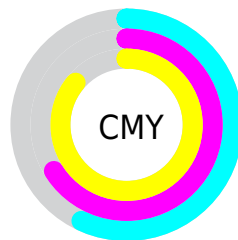
- Red (43%)
- Green (34%)
- Blue (14%)



- Red (27%)
- Yellow (43%)
- Blue (14%)



- Cyan (0%)
- Magenta (21%)
- Yellow (68%)
- Black (57%)



- Cyan (57%)
- Magenta (66%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D5623 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 6D5623 by changing the saturation by 10% instead.



6D5623



6D5623

FFFFFF



533F0C



A38852



3B2900



BFA26B



221500



DBBD84



000000



F9D89F



FFF5BA



FFFFD6



FFFFF2



6D5623



6D5623

■ 6D5318

■ 6D592E

■ 6D4F0D

■ 6D5D39

■ 6D4C02

■ 6D6044

■ 6D4B00

■ 6D644F

■ 6D675A

■ 6D6A64

■ 6D6E6F

■ 6D717A

■ 6D7485

Harmonies

Analogous

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



804C2F



6D5623



535E27

Triad

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



6D5623



00666E



754A78

Complementary

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



6D5623



233A6D

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.



535489



6D5623



006483

Square

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



6D5623



006653



165E8E



87435F

Rectangle

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



6D5623



3F6232



165E8E



6B4D7F

Sweetspot

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



6D5623



8F8672



6D233A



474236



C7C7C7



474747

Same Dimension

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



6D5623



8F6B1B



5F6D23



363430



755100



F5A900

Inverse Universe

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



233A6D



1B3F8F



31236D



303236



002475



004CF5

Previews

White Background



This preview shows how the Hex color 6D5623 looks on a white background.

Color Contrast Check

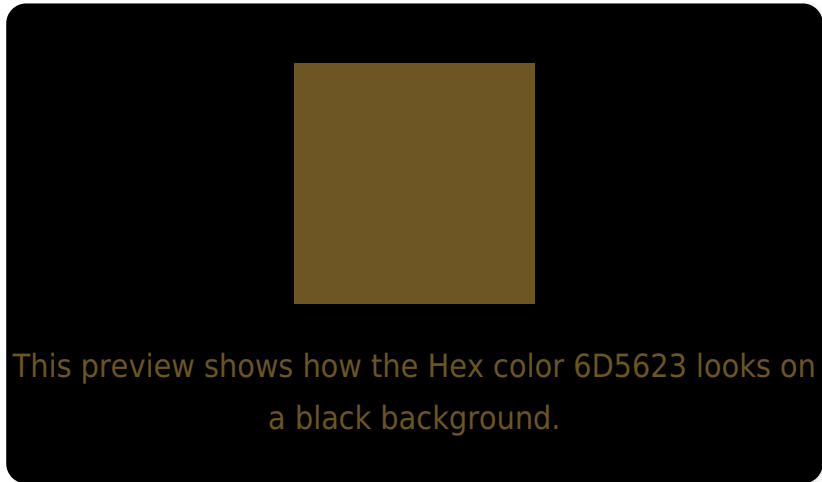
Large Text (above 18pt) WCAG AA ✓ Pass

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

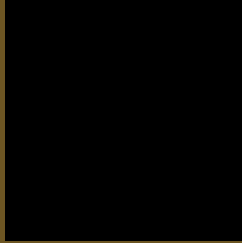
Any Text WCAG AA × Fail

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 6D5623 Background



This preview shows how black text looks on a background with the Hex color 6D5623.



This preview shows how white text looks on a background with the Hex color 6D5623.

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
6D5623

Protanopia
645A24

Deuteranopia
6F5523



Tritanopia
715157

Trichromacy



Original Color
6D5623

Protanomaly
675924

Deuteranomaly
6E5523

Tritanomaly
705344

Monochromacy



Original Color
6D5623

Achromatopsia
575757

Achromatomaly
5F5744

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D5623 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 #6D5623 looks like.

```
.text, #text, p{  
    color:#6D5623  
}
```

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 #6D5623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5623
}
```

Border

The CSS property to change the border of an element to Hex 6D5623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

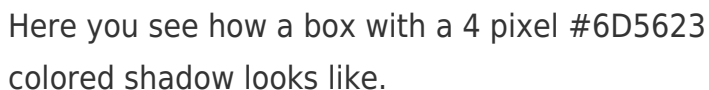
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5623 }
```

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

```
.border{ border-color:#6D5623 }
```

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



Here you see how a box with a 4 pixel #6D5623 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5623; -webkit-box-shadow:4px 4px  
4px 4px #6D5623; box-shadow:4px 4px 4px  
4px #6D5623 }
```

Background

The CSS property to change the background color of an element to Hex 6D5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5623 }
```

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

```
.background{ background-color:#6D5623 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor