

# Converting Colors

Hex(6D5430)

Have a look what the booklet for  
Hex(6D5430) contains.

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**Color**

**Hex(6D5430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5430
RGB	109, 84, 48
RGB Percent	43%, 33%, 19%
CMY	0.5725, 0.6706, 0.8118
CMYK	0.00, 0.23, 0.56, 0.57
HSL	35°, 39%, 31%
HSV	35°, 56%, 43%
XYZ	10.0105, 9.8053, 4.1613
YIQ	87.3710, 26.4560, -5.8960

# Conversions

## Conversions Part 2

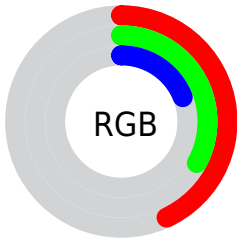
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 109, 48
Decimal	7164976
CIE <sub>Lab</sub>	37.49, 5.56, 24.86
CIE <sub>LCh</sub>	37, 25.472, 77.387
Yxy	9.8053, 0.4175, 0.4089
Android (android.graphics.Color)	4285355056 (0xFF6D5430)
YUV	87.3710, -19.4099, 18.9686
Hunter-Lab	31.3133, 2.2659, 14.0402

# Details

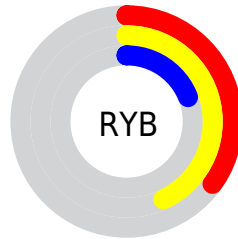
The Hex color **6D5430** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30496D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A2855F**, and **3B2701** is the 20% darker color. If you saturate the color by 10%, you get **6D5025**, and if you desaturate by 10%, it is **6D583B**.

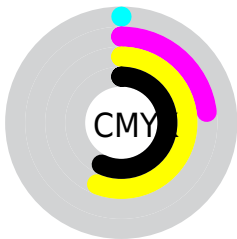
# Distribution



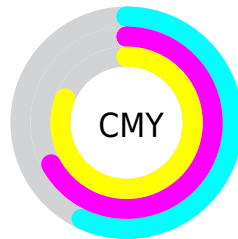
- Red (43%)
- Green (33%)
- Blue (19%)



- Red (35%)
- Yellow (43%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (56%)
- Black (57%)



- Cyan (57%)
- Magenta (67%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D5430 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 6D5430 by changing the saturation by 10% instead.



 6D5430

 6D5430

FFFFFF

 543D1A

 A2855F

 3B2701

 BEA078

 241300

 DABB92

 000000

 F7D6AD

 FFF3C8

 FFFFE4

 6D5430

 6D5430

 6D5025

 6D583B

■ 6D4B1A

■ 6D5D46

■ 6D470F

■ 6D6151

■ 6D4204

■ 6D665C

■ 6D4000

■ 6D6A67

■ 6D6F71

■ 6D737C

■ 6D7887

■ 6D7C92

# Harmonies

## Analogous

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



7B4D3B



6D5430



5A5B30

# Triad

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



6D5430



006364



694E74

# Complementary

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



6D5430



30496D

# 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.



4D567F



6D5430



006176

# Square

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



6D5430



26634F



285D80



7B4962

# Rectangle

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



6D5430



4A5E37



285D80



615179



# Sweetspot

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



6D5430



8F8577



6D3049



474239



C7C7C7



474747



# Same Dimension

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



6D5430



8F682F



686D30



363330



754500



F59000



# Inverse Universe

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



30496D



2F568F



35306D



303236



003075

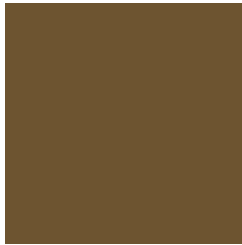


0064F5



# Previews

## White Background



This preview shows how the Hex color 6D5430 looks on a white background.

## Color Contrast Check

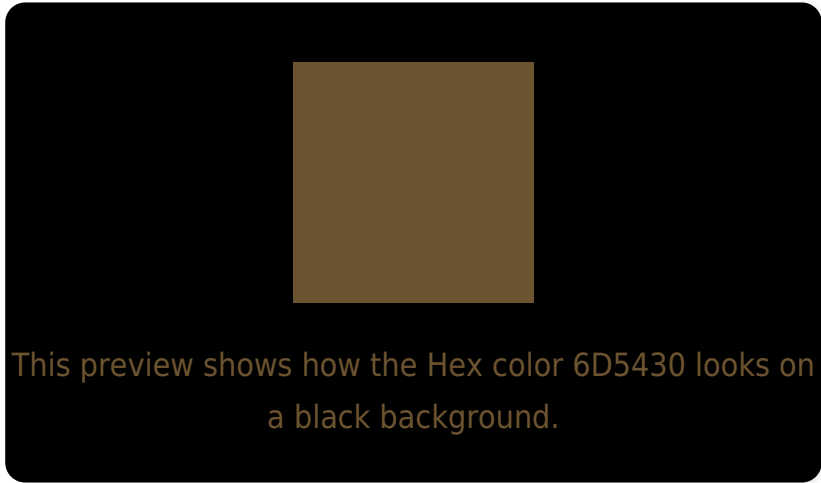
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

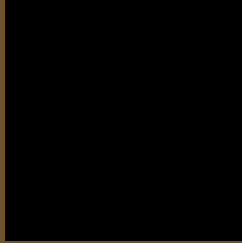
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D5430 Background



This preview shows how black text looks on a background with the Hex color 6D5430.



This preview shows how white text looks on a background with the Hex color 6D5430.

# 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**  
6D5430

**Protanopia**  
615932

**Deuteranopia**  
6C5430



**Tritanopia**  
705056

# Trichromacy



**Original Color**  
6D5430

**Protanomaly**  
655731

**Deuteranomaly**  
6C5430

**Tritanomaly**  
6F5148

# Monochromacy



**Original Color**  
6D5430

**Achromatopsia**  
575757

**Achromatomaly**  
5F5649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D5430 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 #6D5430 looks like.

```
.text, #text, p{  
    color:#6D5430  
}
```

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 #6D5430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5430
}
```

## Border

The CSS property to change the border of an element to Hex 6D5430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

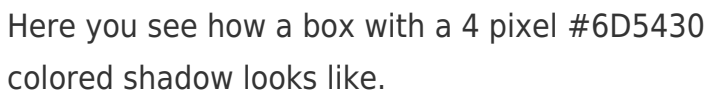
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5430 }
```

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

```
.border{ border-color:#6D5430 }
```

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



Here you see how a box with a 4 pixel #6D5430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5430; -webkit-box-shadow:4px 4px  
4px 4px #6D5430; box-shadow:4px 4px 4px  
4px #6D5430 }
```

# Background

The CSS property to change the background color of an element to Hex 6D5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5430 }
```

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

```
.background{ background-color:#6D5430 }
```

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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