

# Converting Colors

Hex(6A6230)

Have a look what the booklet for  
Hex(6A6230) contains.

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**Color**

**Hex(6A6230)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6230
RGB	106, 98, 48
RGB Percent	42%, 38%, 19%
CMY	0.5843, 0.6157, 0.8118
CMYK	0.00, 0.08, 0.55, 0.58
HSL	52°, 38%, 30%
HSV	52°, 55%, 42%
XYZ	10.8450, 12.0129, 4.5434
YIQ	94.6920, 20.8180, -13.8540

# Conversions

## Conversions Part 2

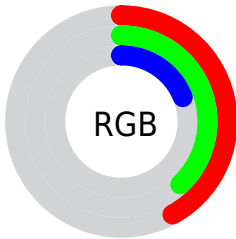
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 106, 48
Decimal	6971952
CIELab	41.24, -4.20, 29.31
CIELCh	41, 29.613, 98.148
Yxy	12.0129, 0.3958, 0.4384
Android (android.graphics.Color)	4285162032 (0xFF6A6230)
YUV	94.6920, -23.0192, 9.9171
Hunter-Lab	34.6597, -4.8017, 16.4896

# Details

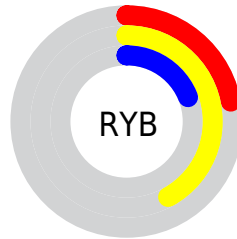
The Hex color **6A6230** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30386A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9F9560**, and **393401** is the 20% darker color. If you saturate the color by 10%, you get **6A6125**, and if you desaturate by 10%, it is **6A633B**.

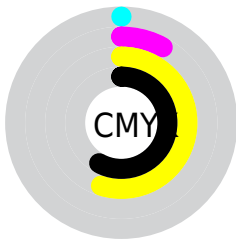
# Distribution



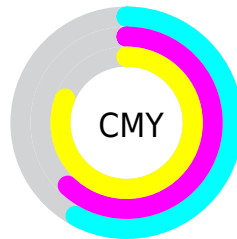
- Red (42%)
- Green (38%)
- Blue (19%)



- Red (22%)
- Yellow (42%)
- Blue (19%)



- Cyan (0%)
- Magenta (8%)
- Yellow (55%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6230 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 6A6230 by changing the saturation by 10% instead.





6A6230



6A6230

FFFFFF



514A19



9F9560



393401



BAAF79



221F00



D6CA93



000800



F3E7AE



000000



FFFFC9



FFFFE5



6A6230



6A6230



6A6125



6A633B

■ 6A5F1B

■ 6A6545

■ 6A5E10

■ 6A6650

■ 6A5C06

■ 6A685A

■ 6A5B00

■ 6A6965

■ 6A6B70

■ 6A6C7A

■ 6A6E85

■ 6A6F8F

# Harmonies

## Analogous

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



7F5A34



6A6230



50693A

# Triad

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



6A6230



006D7F



855074

# Complementary

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



6A6230



30386A

# 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.



6C5888



6A6230



05698E

# Square

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



6A6230



006E67



476191



8F4D5B

# Rectangle

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



6A6230



3B6B47



476191



7E537B



# Sweetspot

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



6A6230



8A8774



6A3039



454338



C4C4C4



454545



# Same Dimension

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



6A6230



8A7D2F



566A30



363530



756500



F5D300



# Inverse Universe

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



30386A



2F3B8A



44306A



303136



001075



0022F5



# Previews

## White Background



This preview shows how the Hex color 6A6230 looks on a white background.

## Color Contrast Check

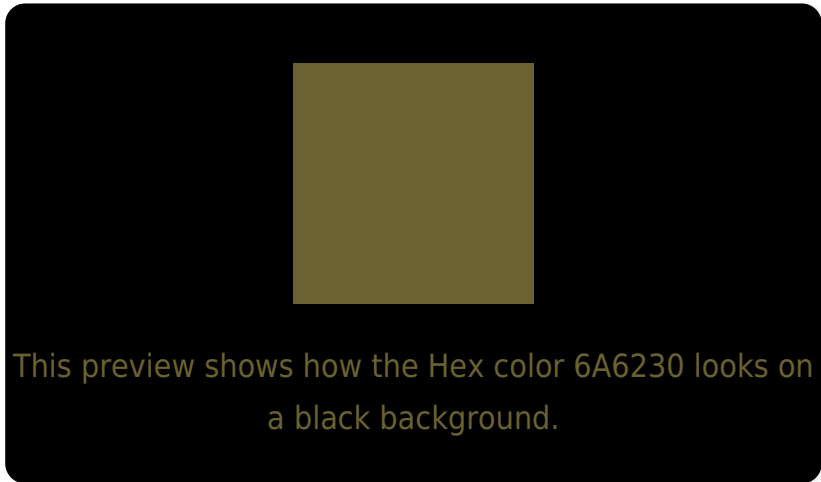
Large Text (above 18pt) WCAG AA ✓ Pass

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

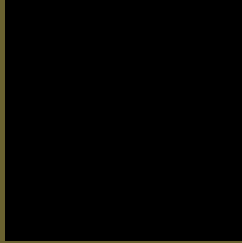
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6230 Background



This preview shows how black text looks on a background with the Hex color 6A6230.



This preview shows how white text looks on a background with the Hex color 6A6230.

# 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**

6A6230

**Protanopia**

6C6130

**Deuteranopia**

785D31



**Tritanopia**  
6F5C64

# Trichromacy



**Original Color**

6A6230

**Protanomaly**

6B6130

**Deuteranomaly**

735F31

**Tritanomaly**

6D5E51

# Monochromacy



**Original Color**

6A6230

**Achromatopsia**

5F5F5F

**Achromatomaly**

63604E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6230 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 #6A6230 looks like.

```
.text, #text, p{  
    color:#6A6230  
}
```

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 #6A6230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6230
}
```

## Border

The CSS property to change the border of an element to Hex 6A6230 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
#6A6230 }
```

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

```
.border{ border-color:#6A6230 }
```

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

Here you see how a box with a 4 pixel #6A6230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6230; -webkit-box-shadow:4px 4px  
4px 4px #6A6230; box-shadow:4px 4px 4px  
4px #6A6230 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6230 }
```

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

```
.background{ background-color:#6A6230 }
```

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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