

# Converting Colors

Hex(6A6331)

Have a look what the booklet for  
Hex(6A6331) contains.

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**Color**

**Hex(6A6331)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6331
RGB	106, 99, 49
RGB Percent	42%, 39%, 19%
CMY	0.5843, 0.6118, 0.8078
CMYK	0.00, 0.07, 0.54, 0.58
HSL	53°, 37%, 30%
HSV	53°, 54%, 42%
XYZ	10.9601, 12.2096, 4.6848
YIQ	95.3930, 20.2220, -14.0660

# Conversions

## Conversions Part 2

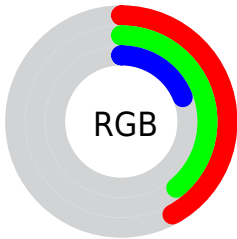
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 106, 49
Decimal	6972209
CIELab	41.55, -4.68, 29.14
CIElCh	42, 29.511, 99.128
Yxy	12.2096, 0.3935, 0.4383
Android (android.graphics.Color)	4285162289 (0xFF6A6331)
YUV	95.3930, -22.8717, 9.3023
Hunter-Lab	34.9422, -5.1601, 16.5105

# Details

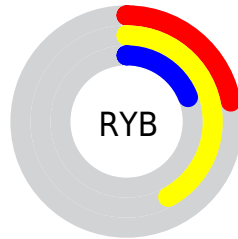
The Hex color **6A6331** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **31386A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9F9661**, and **393502** is the 20% darker color. If you saturate the color by 10%, you get **6A6226**, and if you desaturate by 10%, it is **6A643C**.

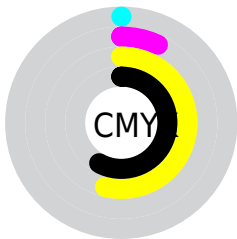
# Distribution



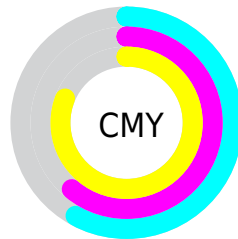
- Red (42%)
- Green (39%)
- Blue (19%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6331 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 6A6331 by changing the saturation by 10% instead.





6A6331



6A6331

FFFFFF



514B1A



9F9661



393502



BAB07A



222000



D6CC94



000900



F3E8AF



000000



FFFPCA



FFFPE7



6A6331



6A6331



6A6226



6A643C

 6A601C

 6A6646

 6A5F11

 6A6751

 6A5E07

 6A685B

 6A5D00

 6A6A66

 6A6B71

 6A6C7B

 6A6D86

 6A6F90

# Harmonies

## Analogous

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



7F5B35



6A6331



50693B

# Triad

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



6A6331



006D80



865174

# Complementary

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



6A6331



31386A

# 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.



6E5988



6A6331



0E698F

# Square

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



6A6331



006F69



496292



904E5B

# Rectangle

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



6A6331



3B6C48



496292



80537B



# Sweetspot

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



6A6331



8A8774



6A3139



454338



C4C4C4



454545



# Same Dimension

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



6A6331



8A7F30



556A31



363530



756700



F5D700



# Inverse Universe

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



31386A



303B8A



46316A



303136



000E75



001EF5



# Previews

## White Background



This preview shows how the Hex color 6A6331 looks on a white background.

## Color Contrast Check

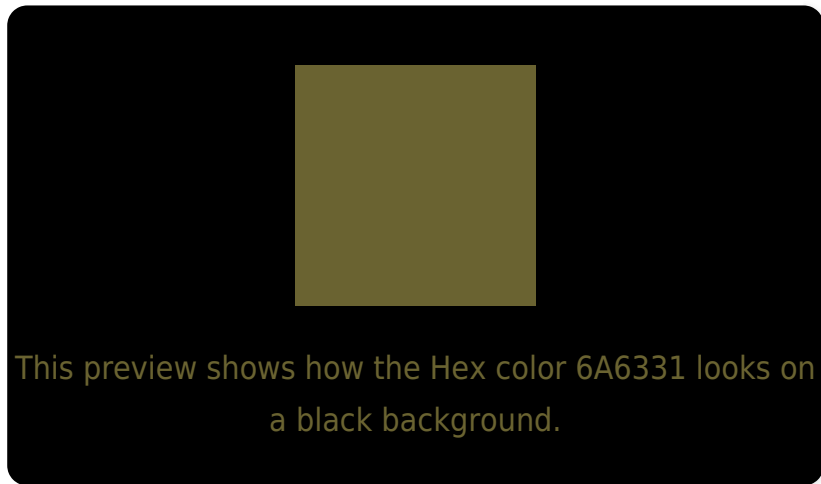
Large Text (above 18pt) WCAG AA ✓ Pass

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

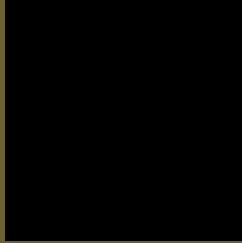
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6331 Background



This preview shows how black text looks on a background with the Hex color 6A6331.



This preview shows how white text looks on a background with the Hex color 6A6331.

# 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**  
6A6331

**Protanopia**  
6C6231

**Deuteranopia**  
785D32



**Tritanopia**  
6F5D65

# Trichromacy



**Original Color**  
6A6331

**Protanomaly**  
6B6231

**Deuteranomaly**  
735F32

**Tritanomaly**  
6D5F52

# Monochromacy



**Original Color**  
6A6331

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
63604E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6331 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 #6A6331 looks like.

```
.text, #text, p{  
    color:#6A6331  
}
```

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 #6A6331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6331
}
```

## Border

The CSS property to change the border of an element to Hex 6A6331 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
#6A6331 }
```

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

```
.border{ border-color:#6A6331 }
```

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

Here you see how a box with a 4 pixel #6A6331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6331; -webkit-box-shadow:4px 4px  
4px 4px #6A6331; box-shadow:4px 4px 4px  
4px #6A6331 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6331 }
```

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

```
.background{ background-color:#6A6331 }
```

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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