

Converting Colors

Hex(666231)

Have a look what the booklet for
Hex(666231) contains.

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Color

Hex(666231)

Conversions

Conversions Part 1

Format	Color
Hex	666231
RGB	102, 98, 49
RGB Percent	40%, 38%, 19%
CMY	0.6000, 0.6157, 0.8078
CMYK	0.00, 0.04, 0.52, 0.60
HSL	55°, 35%, 30%
HSV	55°, 52%, 40%
XYZ	10.4015, 11.7819, 4.6316
YIQ	93.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

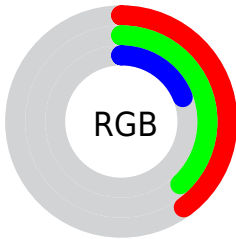
Format	Color
RYB	53, 102, 49
Decimal	6709809
CIELab	40.87, -5.96, 28.23
CIELCh	41, 28.853, 101.915
Yxy	11.7819, 0.3879, 0.4394
Android (android.graphics.Color)	4284899889 (0xFF666231)
YUV	93.6100, -21.9927, 7.3580
Hunter-Lab	34.3248, -5.9769, 16.0270

Details

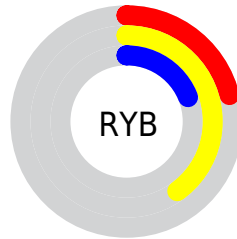
The Hex color **666231** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **313566**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9A9561**, and **353402** is the 20% darker color. If you saturate the color by 10%, you get **666127**, and if you desaturate by 10%, it is **66633B**.

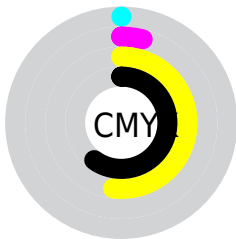
Distribution



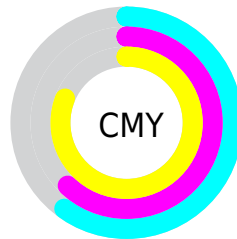
- Red (40%)
- Green (38%)
- Blue (19%)



- Red (21%)
- Yellow (40%)
- Blue (19%)



- Cyan (0%)
- Magenta (4%)
- Yellow (52%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666231 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 666231 by changing the saturation by 10% instead.



666231



666231

FFFFFF



4D4A1B



9A9561



353402



B6AF7A



1F1F00



D2CA94



000600



EEE7AF



000000



FFFCA



FFFEE6



666231



666231



666127



66633B

■ 66601D

■ 666445

■ 666012

■ 666450

■ 665F08

■ 66655A

■ 665E00

■ 666664

■ 66676E

■ 666778

■ 666883

■ 66698D

Harmonies

Analogous

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



7B5A33



666231



4C683C

Triad

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



666231



006B7F



854F70

Complementary

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



666231



313566

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.



6F5784



666231



18678D

Square

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



666231



006D69



4C608E



8E4D58

Rectangle

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



666231



386B49



4C608E



7F5177

Sweetspot

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



666231



85836F



663135



424136



C2C2C2



424242

Same Dimension

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



666231



857E32



506631



33332E



736A00



F2E000

Inverse Universe

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



313566



323985



473166



2E2E33



000973



0012F2

Previews

White Background



This preview shows how the Hex color 666231 looks on a white background.

Color Contrast Check

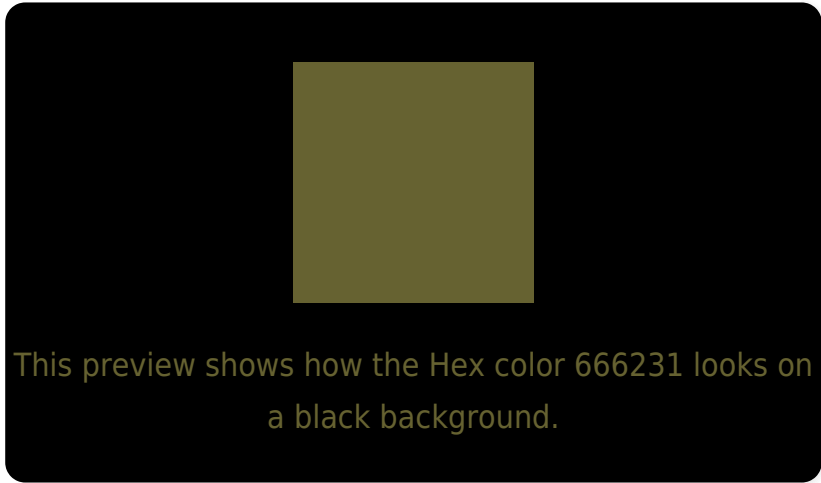
Large Text (above 18pt) WCAG AA ✓ Pass

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

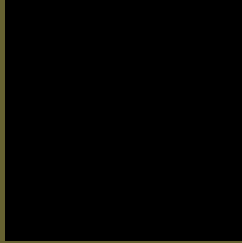
Any Text WCAG AA × Fail

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 666231 Background



This preview shows how black text looks on a background with the Hex color 666231.



This preview shows how white text looks on a background with the Hex color 666231.

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
666231

Protanopia
6B6030

Deuteranopia
765C33



Tritanopia
6B5C64

Trichromacy



Original Color
666231

Protanomaly
696130

Deuteranomaly
705E32

Tritanomaly
695E51

Monochromacy



Original Color
666231

Achromatopsia
5E5E5E

Achromatomaly
615F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 666231 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 #666231 looks like.

```
.text, #text, p{  
    color:#666231  
}
```

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 #666231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666231
}
```

Border

The CSS property to change the border of an element to Hex 666231 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
#666231 }
```

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

```
.border{ border-color:#666231 }
```

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

Here you see how a box with a 4 pixel #666231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666231; -webkit-box-shadow:4px 4px  
4px 4px #666231; box-shadow:4px 4px 4px  
4px #666231 }
```

Background

The CSS property to change the background color of an element to Hex 666231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666231 }
```

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

```
.background{ background-color:#666231 }
```

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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