

# Converting Colors

Hex(647531)

Have a look what the booklet for  
Hex(647531) contains.

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# Color

**Hex(647531)**

# Conversions

## Conversions Part 1

Format	Color
Hex	647531
RGB	100, 117, 49
RGB Percent	39%, 46%, 19%
CMY	0.6078, 0.5412, 0.8078
CMYK	0.15, 0.00, 0.58, 0.54
HSL	75°, 41%, 33%
HSV	75°, 58%, 46%
XYZ	12.1712, 15.6537, 5.2857
YIQ	104.1650, 11.6960, -24.7520

# Conversions

## Conversions Part 2

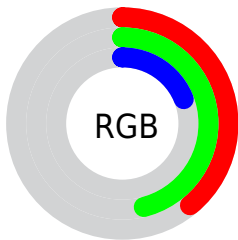
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 117, 66
Decimal	6583601
CIELab	46.52, -17.45, 34.83
CIELCh	47, 38.955, 116.610
Yxy	15.6537, 0.3676, 0.4728
Android (android.graphics.Color)	4284773681 (0xFF647531)
YUV	104.1650, -27.1963, -3.6527
Hunter-Lab	39.5647, -14.3267, 19.7744

# Details

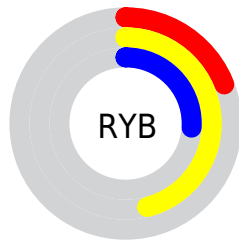
The Hex color **647531** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **423175**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **98A962**, and **334500** is the 20% darker color. If you saturate the color by 10%, you get **617525**, and if you desaturate by 10%, it is **67753D**.

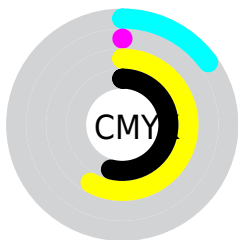
# Distribution



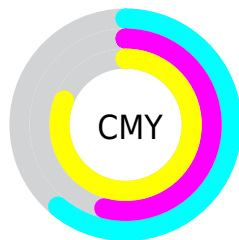
- Red (39%)
- Green (46%)
- Blue (19%)



- Red (19%)
- Yellow (46%)
- Blue (26%)



- Cyan (15%)
- Magenta (0%)
- Yellow (58%)
- Black (54%)



- Cyan (61%)
- Magenta (54%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 647531 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 647531 by changing the saturation by 10% instead.





647531



647531

FFFFFF



4B5C19



98A962



334500



B4C47B



1C2E00



D0E096



001B00



ECFDB1



000000



FFF FCC



FFF FE9



647531



647531



617525



67753D

■ 5E751A

■ 6A7548

■ 5B750E

■ 6D7554

■ 587502

■ 707560

■ 587500

■ 73756C

■ 767577

■ 787583

■ 7B758F

■ 7E759A

# Harmonies

## Analogous

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



846B2A



647531



3B7B49

# Triad

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



647531



007BA4



A85273

# Complementary

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



647531



423175

# 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.



935A93



647531



2173AF

# Square

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



647531



007E8A



6A67A9



AA5553

# Rectangle

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



647531



007E5E



6A67A9



A3547E



# Sweetspot

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



647531



92997F



754231



494D3D



CCCCCC



4D4D4D



# Same Dimension

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



647531



7E992E



427531



393B35



5C7A00



BBFA00



# Inverse Universe

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



423175



492E99



643175



36353B



1F007A



3E00FA



# Previews

## White Background



This preview shows how the Hex color 647531 looks on a white background.

## Color Contrast Check

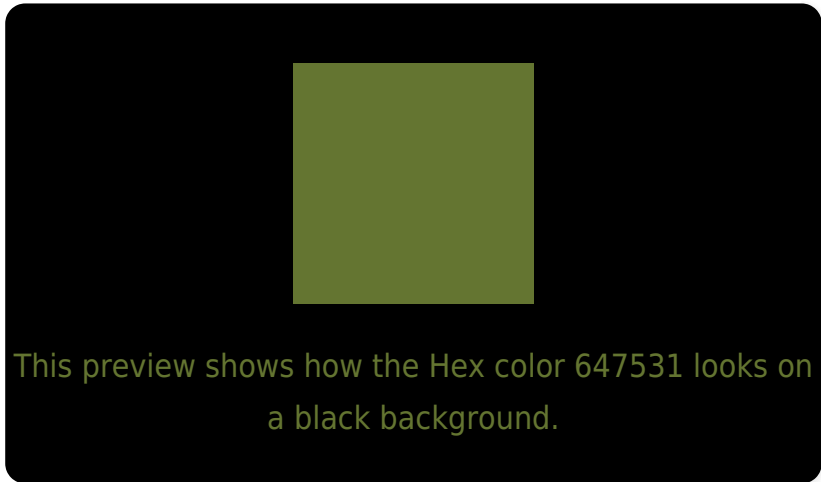
Large Text (above 18pt) WCAG AA ✓ Pass

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

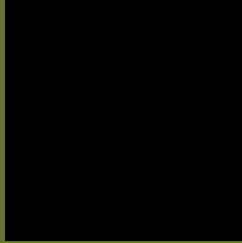
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 647531 Background



This preview shows how black text looks on a background with the Hex color 647531.



This preview shows how white text looks on a background with the Hex color 647531.

# 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**  
647531

**Protanopia**  
7A6E2F

**Deuteranopia**  
886934



**Tritanopia**  
6C6E77

# Trichromacy



**Original Color**  
647531

**Protanomaly**  
727130

**Deuteranomaly**  
7B6D33

**Tritanomaly**  
69715E

# Monochromacy



**Original Color**  
647531

**Achromatopsia**  
686868

**Achromatomaly**  
676D54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 647531 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 #647531 looks like.

```
.text, #text, p{  
    color:#647531  
}
```

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 #647531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #647531
}
```

## Border

The CSS property to change the border of an element to Hex 647531 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
#647531 }
```

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

```
.border{ border-color:#647531 }
```

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

Here you see how a box with a 4 pixel #647531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #647531; -webkit-box-shadow:4px 4px  
4px 4px #647531; box-shadow:4px 4px 4px  
4px #647531 }
```

# Background

The CSS property to change the background color of an element to Hex 647531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#647531 }
```

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

```
.background{ background-color:#647531 }
```

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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