

# Converting Colors

Hex(627457)

Have a look what the booklet for  
Hex(627457) contains.

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# Color

Hex(627457)

# Conversions

## Conversions Part 1

Format	Color
Hex	627457
RGB	98, 116, 87
RGB Percent	38%, 45%, 34%
CMY	0.6157, 0.5451, 0.6588
CMYK	0.16, 0.00, 0.25, 0.55
HSL	97°, 14%, 40%
HSV	97°, 25%, 45%
XYZ	13.0027, 15.7756, 11.3765
YIQ	107.3120, -1.4190, -12.8350

# Conversions

## Conversions Part 2

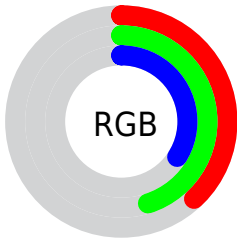
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 116, 105
Decimal	6452311
CIELab	46.68, -12.53, 13.87
CIELCh	47, 18.692, 132.107
Yxy	15.7756, 0.3238, 0.3929
Android (android.graphics.Color)	4284642391 (0xFF627457)
YUV	107.3120, -10.0138, -8.1666
Hunter-Lab	39.7185, -11.0715, 10.8206

# Details

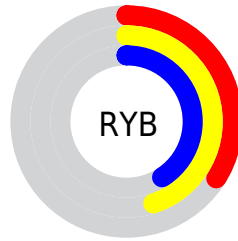
The Hex color **627457** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **695774**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **95A889**, and **334429** is the 20% darker color. If you saturate the color by 10%, you get **5B744B**, and if you desaturate by 10%, it is **697463**.

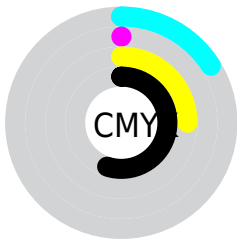
# Distribution



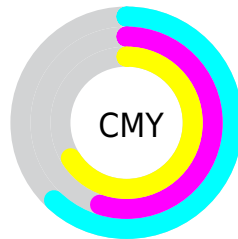
- Red (38%)
- Green (45%)
- Blue (34%)



- Red (34%)
- Yellow (45%)
- Blue (41%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627457 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 627457 by changing the saturation by 10% instead.



627457

627457

FFFFFF

4A5B40

95A889

334429

B0C3A3

1D2E15

CBDFBE

051A00

E7FCDA

000000

FFFFF7

627457

627457

5B744B

697463

547440

70746E

■ 4C7434

■ 78747A

■ 457429

■ 7F7485

■ 3E741D

■ 867491

■ 377411

■ 8D749D

■ 307406

■ 9474A8

■ 2C7400

■ 9C74B4

■ A374BF

# Harmonies

## Analogous

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



747050



627457



507764

# Triad

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



627457



4F738C



8E6369

# Complementary

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



627457



695774

# 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.



886479



627457



646E8D

# Square

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



627457



417683



796886



8C665A

# Rectangle

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



627457



47776F



796886



8D636E



# Sweetspot

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



627457



8F968A



746957



484D45



CCCCCC



4D4D4D



# Same Dimension

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



627457



7A9669



57745A



373B35



2E7A00



5FFA00



# Inverse Universe

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



695774



856996



745771



38353B



4C007A

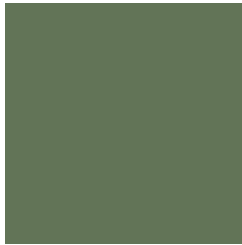


9B00FA



# Previews

## White Background



This preview shows how the Hex color 627457 looks on a white background.

## Color Contrast Check

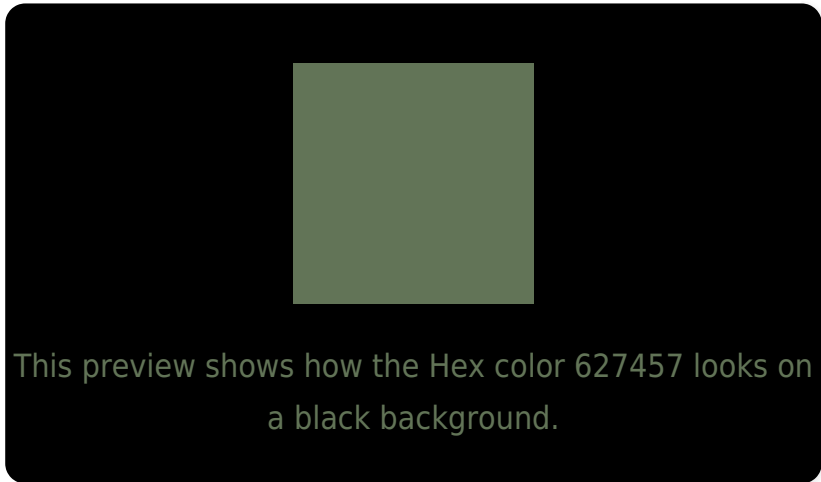
Large Text (above 18pt) WCAG AA ✓ Pass

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

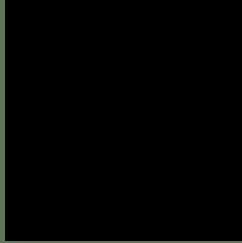
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 627457 Background



This preview shows how black text looks on a background with the Hex color 627457.



This preview shows how white text looks on a background with the Hex color 627457.

# 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**  
627457

**Protanopia**  
766E54

**Deuteranopia**  
806A59



**Tritanopia**  
677078

# Trichromacy



**Original Color**  
627457

**Protanomaly**  
6F7055

**Deuteranomaly**  
756E58

**Tritanomaly**  
65716C

# Monochromacy



**Original Color**  
627457

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
686E64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627457 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 #627457 looks like.

```
.text, #text, p{  
    color:#627457  
}
```

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 #627457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627457
}
```

## Border

The CSS property to change the border of an element to Hex 627457 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".

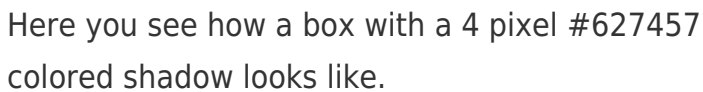
```
.border, #border, table{ border:4px solid
#627457 }
```

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

```
.border{ border-color:#627457 }
```

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

Here you see how a box with a 4 pixel #627457 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627457; -webkit-box-shadow:4px 4px  
4px 4px #627457; box-shadow:4px 4px 4px  
4px #627457 }
```

# Background

The CSS property to change the background color of an element to Hex 627457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627457 }
```

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

```
.background{ background-color:#627457 }
```

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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