

# Converting Colors

Hex(627519)

Have a look what the booklet for  
Hex(627519) contains.

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**Color**

**Hex(627519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	627519
RGB	98, 117, 25
RGB Percent	38%, 46%, 10%
CMY	0.6157, 0.5412, 0.9020
CMYK	0.16, 0.00, 0.79, 0.54
HSL	72°, 65%, 28%
HSV	72°, 79%, 46%
XYZ	11.5738, 15.3894, 3.2802
YIQ	100.8310, 18.2080, -32.6400

# Conversions

## Conversions Part 2

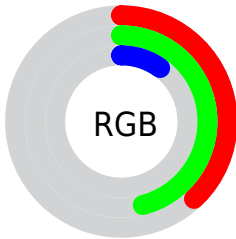
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 117, 44
Decimal	6452505
CIE <sub>Lab</sub>	46.16, -20.12, 44.95
CIE <sub>LCh</sub>	46, 49.243, 114.112
Y <sub>xy</sub>	15.3894, 0.3827, 0.5089
Android (android.graphics.Color)	4284642585 (0xFF627519)
Y <sub>UV</sub>	100.8310, -37.3847, -2.4828
Hunter-Lab	39.2294, -15.9889, 22.5030

# Details

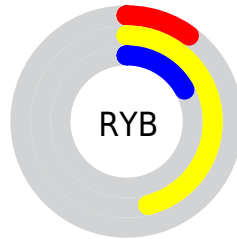
The Hex color **627519** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2C1975**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **97A94D**, and **314500** is the 20% darker color. If you saturate the color by 10%, you get **60750D**, and if you desaturate by 10%, it is **647525**.

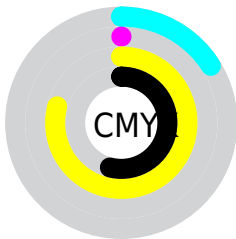
# Distribution



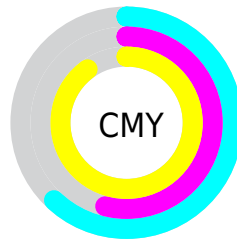
- Red (38%)
- Green (46%)
- Blue (10%)



- Red (10%)
- Yellow (46%)
- Blue (17%)



- Cyan (16%)
- Magenta (0%)
- Yellow (79%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627519 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 627519 by changing the saturation by 10% instead.





627519



627519

FFFFFF



485C00



97A94D



314500



B3C466



162E00



CFE080



001B00



ECFD9B



000000



FFFFB7



FFFFD3



FFFFEF



627519



627519

■ 60750D

■ 647525

■ 5D7502

■ 677530

■ 5D7500

■ 69753C

■ 6C7548

■ 6E7553

■ 70755F

■ 73756B

■ 757577

■ 787582

# Harmonies

## Analogous

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



896911



627519



2A7D3A

# Triad

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



627519



007DB0



B34777

# Complementary

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



627519



2C1975

# 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.



97549E



627519



0075C0

# Square

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



627519



00818E



5F66B9



B7494E

# Rectangle

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



627519



008055



5F66B9



AD4A85



# Sweetspot

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



627519



919974



752B19



484D36



CCCCCC



4D4D4D



# Same Dimension

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



627519



7B9909



357519



393B35



617A00



C6FA00



# Inverse Universe

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



2C1975



270999



591975



36353B



19007A



3400FA



# Previews

## White Background



This preview shows how the Hex color 627519 looks on a white background.

## Color Contrast Check

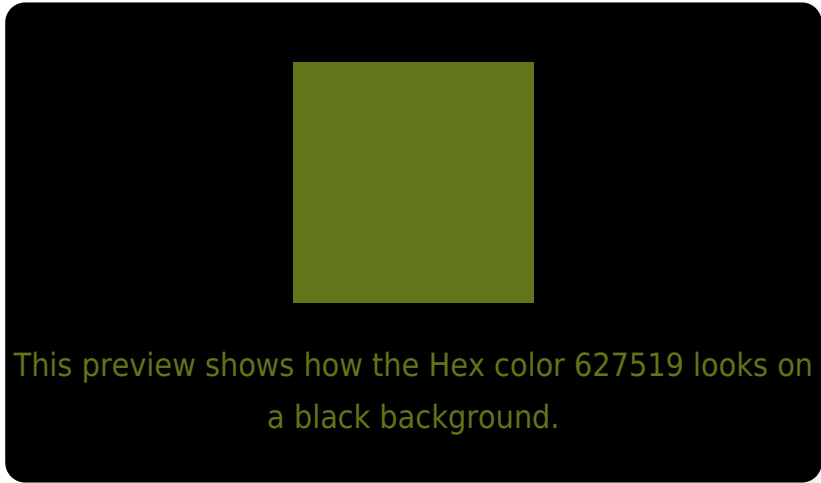
Large Text (above 18pt) WCAG AA ✓ Pass

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

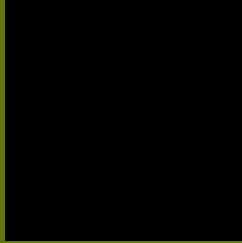
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 627519 Background



This preview shows how black text looks on a background with the Hex color 627519.



This preview shows how white text looks on a background with the Hex color 627519.

# 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**  
627519

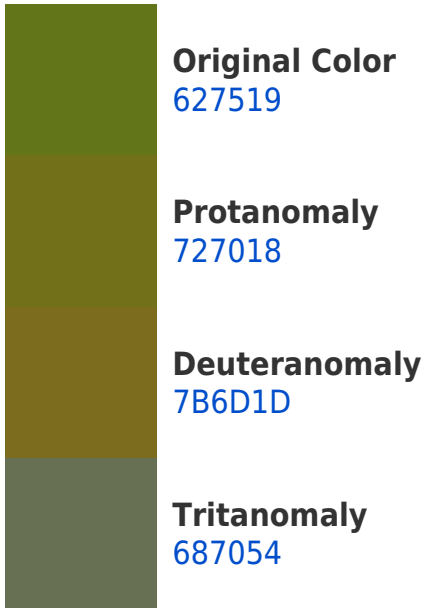
**Protanopia**  
7B6D17

**Deuteranopia**  
896820

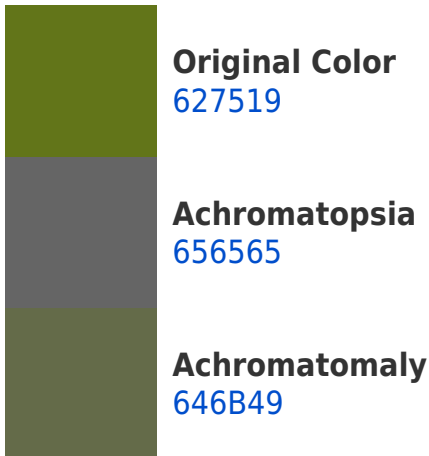


**Tritanopia**  
6B6D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627519 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 #627519 looks like.

```
.text, #text, p{  
    color:#627519  
}
```

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 #627519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627519
}
```

## Border

The CSS property to change the border of an element to Hex 627519 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
#627519 }
```

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

```
.border{ border-color:#627519 }
```

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

Here you see how a box with a 4 pixel #627519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627519; -webkit-box-shadow:4px 4px  
4px 4px #627519; box-shadow:4px 4px 4px  
4px #627519 }
```

# Background

The CSS property to change the background color of an element to Hex 627519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627519 }
```

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

```
.background{ background-color:#627519 }
```

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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