

# Converting Colors

Hex(627236)

Have a look what the booklet for  
Hex(627236) contains.

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# Color

Hex(627236)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	627236
RGB	98, 114, 54
RGB Percent	38%, 45%, 21%
CMY	0.6157, 0.5529, 0.7882
CMYK	0.14, 0.00, 0.53, 0.55
HSL	76°, 36%, 33%
HSV	76°, 53%, 45%
XYZ	11.7202, 14.8976, 5.7478
YIQ	102.3760, 9.7240, -22.0520

# Conversions

## Conversions Part 2

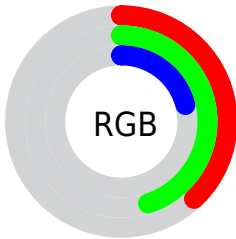
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 114, 70
Decimal	6451766
CIELab	45.49, -16.19, 31.00
CIELCh	45, 34.972, 117.580
Yxy	14.8976, 0.3621, 0.4603
Android (android.graphics.Color)	4284641846 (0xFF627236)
YUV	102.3760, -23.8494, -3.8378
Hunter-Lab	38.5975, -13.3438, 18.1889

# Details

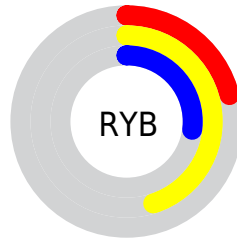
The Hex color **627236** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **463672**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **96A666**, and **314207** is the 20% darker color. If you saturate the color by 10%, you get **5F722B**, and if you desaturate by 10%, it is **657241**.

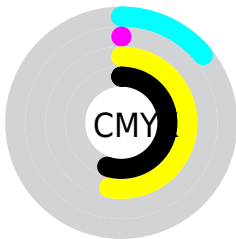
# Distribution



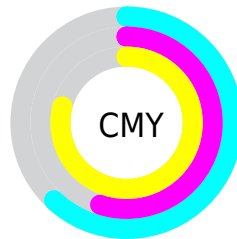
- Red (38%)
- Green (45%)
- Blue (21%)



- Red (21%)
- Yellow (45%)
- Blue (27%)



- Cyan (14%)
- Magenta (0%)
- Yellow (53%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 627236 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 627236 by changing the saturation by 10% instead.



 627236

 627236

FFFFFF

 49591F

 96A666

 314207

 B1C180

 1C2C00

 CDDD9A

 001900

 E9F9B5

 000000

 FFFFD1

 FFFFEE

 627236

 627236

 5F722B

 657241

■ 5C721F

■ 68724D

■ 597214

■ 6B7258

■ 567208

■ 6E7264

■ 547200

■ 71726F

■ 74727A

■ 777286

■ 7A7291

■ 7D729D

# Harmonies

## Analogous

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



7F6930



627236



3E784B

# Triad

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



627236



00779C



A0536F

# Complementary

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



627236



463672

# 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.



8E5A8B



627236



326FA6

# Square

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



627236



007A86



6A65A0



A25652

# Rectangle

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



627236



197A5E



6A65A0



9C5579



# Sweetspot

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



627236



8E947C



724636



464A3C



C9C9C9



4A4A4A



# Same Dimension

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



627236



7B9437



447236



373832



587800



B5F700



# Inverse Universe

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



463672



503794



643672



343238



200078



4200F7



# Previews

## White Background



This preview shows how the Hex color 627236 looks on a white background.

## Color Contrast Check

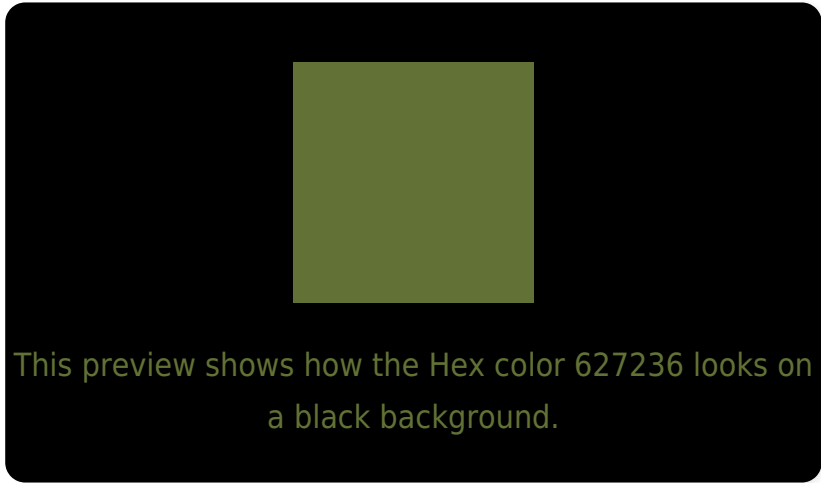
Large Text (above 18pt) WCAG AA ✓ Pass

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

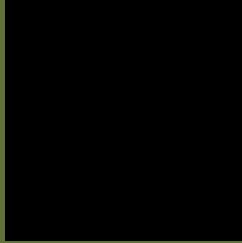
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 627236 Background



This preview shows how black text looks on a background with the Hex color 627236.



This preview shows how white text looks on a background with the Hex color 627236.

# 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**  
627236

**Protanopia**  
776C34

**Deuteranopia**  
846639



**Tritanopia**  
696B74

# Trichromacy



**Original Color**  
627236

**Protanomaly**  
6F6E35

**Deuteranomaly**  
786A38

**Tritanomaly**  
666E5D

# Monochromacy



**Original Color**  
627236

**Achromatopsia**  
666666

**Achromatomaly**  
656A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 627236 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 #627236 looks like.

```
.text, #text, p{  
    color:#627236  
}
```

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 #627236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #627236
}
```

## Border

The CSS property to change the border of an element to Hex 627236 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
#627236 }
```

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

```
.border{ border-color:#627236 }
```

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

Here you see how a box with a 4 pixel #627236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #627236; -webkit-box-shadow:4px 4px  
4px 4px #627236; box-shadow:4px 4px 4px  
4px #627236 }
```

# Background

The CSS property to change the background color of an element to Hex 627236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#627236 }
```

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

```
.background{ background-color:#627236 }
```

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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