

# Converting Colors

Hex(A27648)

Have a look what the booklet for  
Hex(A27648) contains.

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**Color**

**Hex(A27648)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A27648
RGB	162, 118, 72
RGB Percent	64%, 46%, 28%
CMY	0.3647, 0.5373, 0.7176
CMYK	0.00, 0.27, 0.56, 0.36
HSL	31°, 38%, 46%
HSV	31°, 56%, 64%
XYZ	22.5484, 21.1061, 9.0164
YIQ	125.9120, 40.9900, -4.9780

# Conversions

## Conversions Part 2

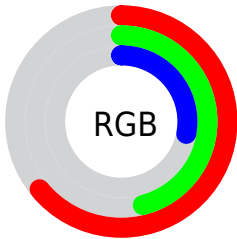
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 162, 72
Decimal	10647112
CIELab	53.07, 11.83, 31.90
CIElCh	53, 34.027, 69.657
Yxy	21.1061, 0.4281, 0.4007
Android (android.graphics.Color)	4288837192 (0xFFA27648)
YUV	125.9120, -26.5786, 31.6492
Hunter-Lab	45.9414, 7.2118, 20.5229

# Details

The Hex color **A27648** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4874A2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **DBAA7A**, and **6B461A** is the 20% darker color. If you saturate the color by 10%, you get **A26E38**, and if you desaturate by 10%, it is **A27E58**.

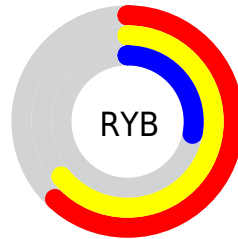
# Distribution



Red (64%)

Green (46%)

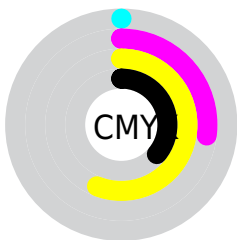
Blue (28%)



Red (62%)

Yellow (64%)

Blue (28%)

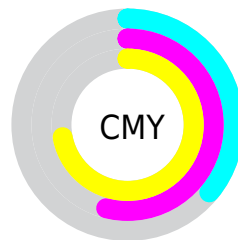


Cyan (0%)

Magenta (27%)

Yellow (56%)

Black (36%)



Cyan (36%)

Magenta (54%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A27648 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 A27648 by changing the saturation by 10% instead.



 A27648

 A27648

FFFFFF

 865D31

 DBAA7A

 6B461A

 F9C594

 512F02

 FFE1AE

 381A00

 FFFECA

 200100

 FFFFEE

 000000

 A27648

 A27648

 A26E38

 A27E58

 A26628

 A28668

 A25E17

 A28E79

 A25607

 A29689

 A25300

 A29E99

 A2A6A9

 A2ADB9

 A2B5CA

 A2BDDA

# Harmonies

## Analogous

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



B36C5B



A27648



888044

# Triad

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



A27648



008E88



8E74AC

# Complementary

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



A27648



4874A2

# 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.



627EB8



A27648



008CA3

# Square

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



A27648



428D69



2487B5



AB6A94

# Rectangle

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



A27648



73864B



2487B5



8177B2



# Sweetspot

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



A27648



D4C2B0



A24875



6B6156



EBEBEB



6B6B6B



# Same Dimension

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



A27648



D48E46



A2A248



524E49



914A00



120900



# Inverse Universe

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



4874A2



468BD4



4848A2



494D52



004791

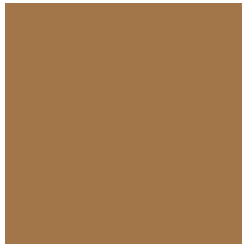


000912



# Previews

## White Background



This preview shows how the Hex color A27648 looks on a white background.

## Color Contrast Check

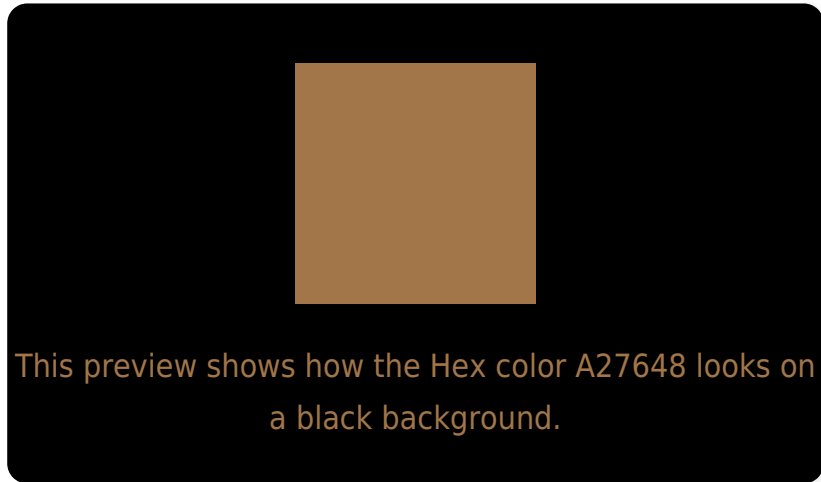
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

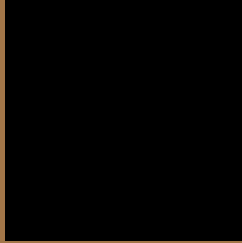
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A27648 Background



This preview shows how black text looks on a background with the Hex color A27648.



This preview shows how white text looks on a background with the Hex color A27648.

# 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**  
A27648

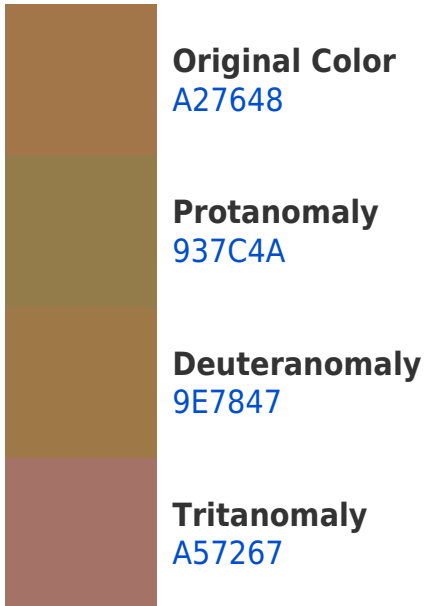
**Protanopia**  
8B7F4B

**Deuteranopia**  
9B7947

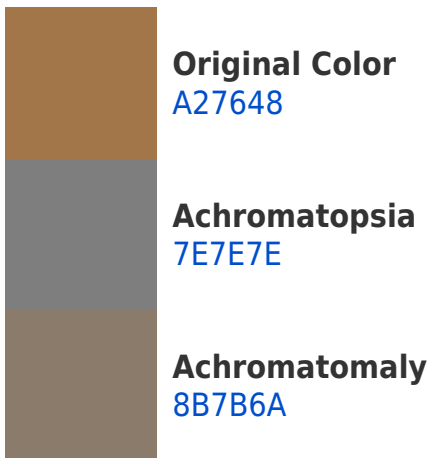


**Tritanopia**  
A67079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A27648 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 #A27648 looks like.

```
.text, #text, p{  
    color:#A27648  
}
```

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 #A27648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A27648  
}
```

## Border

The CSS property to change the border of an element to Hex A27648 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  
#A27648 }
```

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

```
.border{ border-color:#A27648 }
```

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

Here you see how a box with a 4 pixel #A27648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A27648; -webkit-box-shadow:4px 4px  
4px 4px #A27648; box-shadow:4px 4px 4px  
4px #A27648 }
```

# Background

The CSS property to change the background color of an element to Hex A27648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A27648 }
```

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

```
.background{ background-color:#A27648 }
```

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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