

# Converting Colors

Hex(A6A275)

Have a look what the booklet for  
Hex(A6A275) contains.

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# **Color**

**Hex(A6A275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6A275
RGB	166, 162, 117
RGB Percent	65%, 64%, 46%
CMY	0.3490, 0.3647, 0.5412
CMYK	0.00, 0.02, 0.30, 0.35
HSL	55°, 22%, 55%
HSV	55°, 30%, 65%
XYZ	31.8571, 35.2320, 21.9510
YIQ	158.0660, 16.8290, -13.1470

# Conversions

## Conversions Part 2

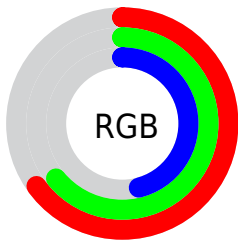
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 166, 117
Decimal	10920565
CIELab	65.93, -5.82, 23.98
CIELCh	66, 24.682, 103.651
Yxy	35.2320, 0.3578, 0.3957
Android (android.graphics.Color)	4289110645 (0xFFA6A275)
YUV	158.0660, -20.2455, 6.9581
Hunter-Lab	59.3566, -8.0717, 19.6232

# Details

The Hex color **A6A275** is a light color, and the websafe version is hex **999966**. A complement of this color would be **7579A6**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **DED9A9**, and **716F44** is the 20% darker color. If you saturate the color by 10%, you get **A6A164**, and if you desaturate by 10%, it is **A6A386**.

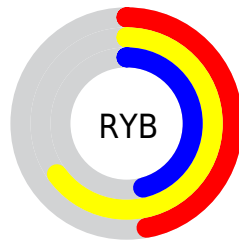
# Distribution



Red (65%)

Green (64%)

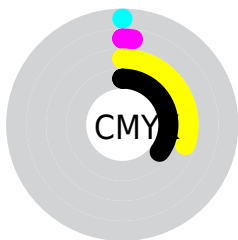
Blue (46%)



Red (47%)

Yellow (65%)

Blue (46%)

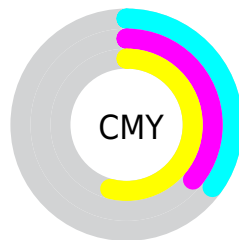


Cyan (0%)

Magenta (2%)

Yellow (30%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6A275 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 A6A275 by changing the saturation by 10% instead.





A6A275



A6A275

FFFFFF



8B885C



DED9A9



716F44



FAF5C5



58562D



FFFFE1



403F18

FFFFFFE



2A2900



111500



000000



A6A275



A6A275



A6A164



A6A386

 A69F54

 A6A596

 A69E43

 A6A6A7

 A69D33

 A6A7B7

 A69B22

 A6A9C8

 A69A11

 A6AAD9

 A69901

 A6ABE9

 A69800

 A6ADFA

 A6AEFF

# Harmonies

## Analogous

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



BB9B76



A6A275



8DA880

# Triad

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



A6A275



60ABBE



C591AD

# Complementary

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



A6A275



7579A6

# 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.



B097C0



A6A275



75A6CA

# Square

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



A6A275



62ADAA



939FCB



CD9097

# Rectangle

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



A6A275



7CAB8C



939FCB



BF93B4



# Sweetspot

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



A6A275



D9D7C5



A67579



6E6D62



EDEDED



6E6E6E



# Same Dimension

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



A6A275



D9D38D



92A675



54534C



948800



141300



# Inverse Universe

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



7579A6



8D93D9



8975A6



4C4C54



000C94



000214



# Previews

## White Background



This preview shows how the Hex color A6A275 looks on a white background.

## Color Contrast Check

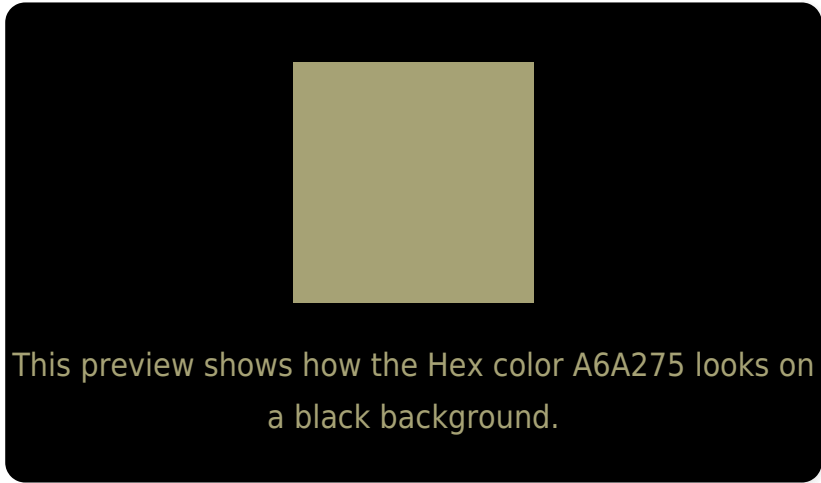
Large Text (above 18pt) WCAG AA × Fail

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

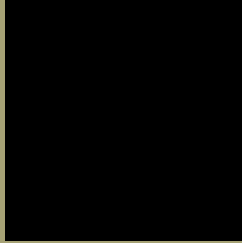
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

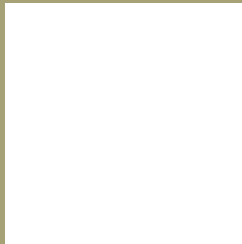
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A6A275 Background



This preview shows how black text looks on a background with the Hex color A6A275.



This preview shows how white text looks on a background with the Hex color A6A275.

# 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**  
A6A275

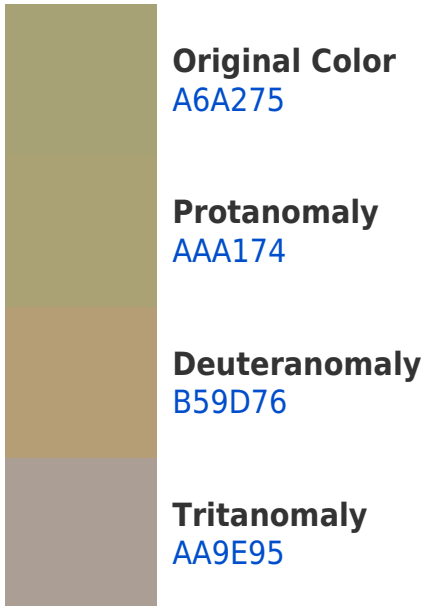
**Protanopia**  
ACA074

**Deuteranopia**  
BD9A77

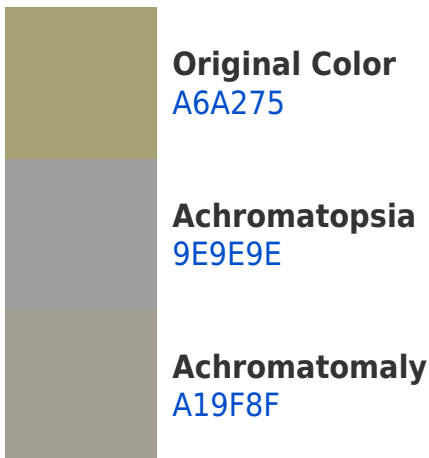


**Tritanopia**  
AC9BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6A275 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 #A6A275 looks like.

```
.text, #text, p{  
    color:#A6A275  
}
```

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 #A6A275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A275
}
```

## Border

The CSS property to change the border of an element to Hex A6A275 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
#A6A275 }
```

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

```
.border{ border-color:#A6A275 }
```

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

Here you see how a box with a 4 pixel #A6A275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A275; -webkit-box-shadow:4px 4px  
4px 4px #A6A275; box-shadow:4px 4px 4px  
4px #A6A275 }
```

# Background

The CSS property to change the background color of an element to Hex A6A275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A275 }
```

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

```
.background{ background-color:#A6A275 }
```

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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