

Converting Colors

Hex(A6A268)

Have a look what the booklet for
Hex(A6A268) contains.

Hex(A6A268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A6A268)

Conversions

Conversions Part 1

Format	Color
Hex	A6A268
RGB	166, 162, 104
RGB Percent	65%, 64%, 41%
CMY	0.3490, 0.3647, 0.5922
CMYK	0.00, 0.02, 0.37, 0.35
HSL	56°, 26%, 53%
HSV	56°, 37%, 65%
XYZ	31.1449, 34.9471, 18.2007
YIQ	156.5840, 21.0020, -17.1900

Conversions

Conversions Part 2

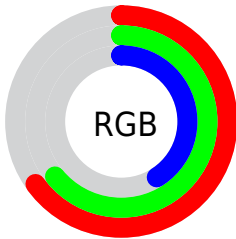
Format	Color
RYB	108, 166, 104
Decimal	10920552
CIELab	65.71, -7.48, 30.70
CIELCh	66, 31.600, 103.689
Yxy	34.9471, 0.3695, 0.4146
Android (android.graphics.Color)	4289110632 (0xFFA6A268)
YUV	156.5840, -25.9239, 8.2578
Hunter-Lab	59.1161, -9.4117, 23.1271

Details

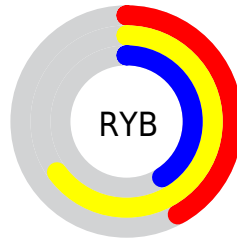
The Hex color **A6A268** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **686CA6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **DED99C**, and **716F38** is the 20% darker color. If you saturate the color by 10%, you get **A6A157**, and if you desaturate by 10%, it is **A6A379**.

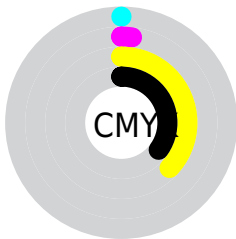
Distribution



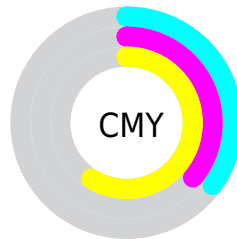
- Red (65%)
- Green (64%)
- Blue (41%)



- Red (42%)
- Yellow (65%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6A268 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 A6A268 by changing the saturation by 10% instead.



A6A268



A6A268

FFFFFF



8B884F



DED99C



716F38



FBF5B7



585621



FFFFD3



3F3F09



FFFFEF



292900



0C1600



000000



A6A268



A6A268



A6A157



A6A379

 A6A047

 A6A489

 A69F36

 A6A59A

 A69E26

 A6A6AA

 A69D15

 A6A7BB

 A69C04

 A6A8CC

 A69B00

 A6A9DC

 A6ABED

 A6ACFD

Harmonies

Analogous

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



C1996A



A6A268



86A976

Triad

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



A6A268



40ADC6



CE8CB0

Complementary

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



A6A268



686CA6

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.



B494C9



A6A268



61A7D5

Square

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



A6A268



45AFAC



8D9ED6



D88A94

Rectangle

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



A6A268



70AD86



8D9ED6



C78EB9

Sweetspot

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



A6A268



D9D7C1



A6686C



6E6D5F



EDEDED



6E6E6E

Same Dimension

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



A6A268



D9D277



8BA668



54544C



948A00



141300

Inverse Universe

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



686CA6



777ED9



8368A6



4C4C54



000A94



000114

Previews

White Background



This preview shows how the Hex color A6A268 looks on a white background.

Color Contrast Check

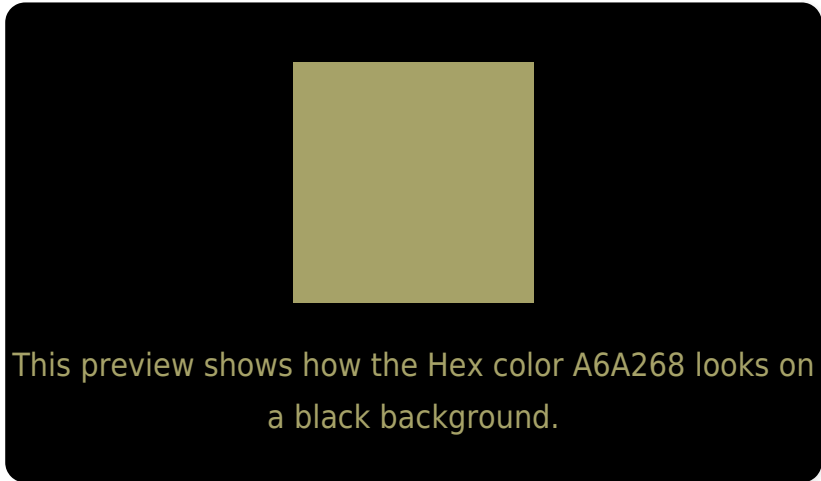
Large Text (above 18pt) WCAG AA × Fail

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

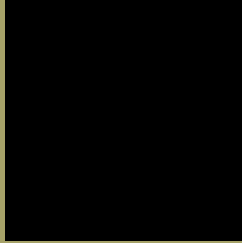
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

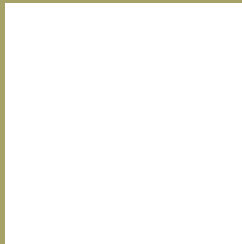
Any Text WCAG AAA ✓ Pass

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

Hex A6A268 Background



This preview shows how black text looks on a background with the Hex color A6A268.



This preview shows how white text looks on a background with the Hex color A6A268.

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
A6A268

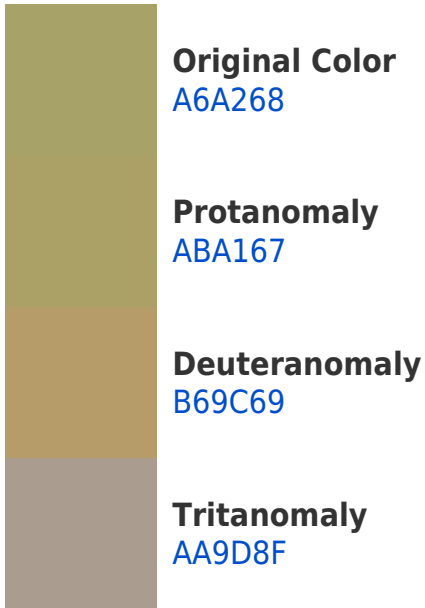
Protanopia
AEA067

Deuteranopia
BF996A



Tritanopia
AD9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6A268 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 #A6A268 looks like.

```
.text, #text, p{  
    color:#A6A268  
}
```

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 #A6A268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A268
}
```

Border

The CSS property to change the border of an element to Hex A6A268 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
#A6A268 }
```

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

```
.border{ border-color:#A6A268 }
```

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

Here you see how a box with a 4 pixel #A6A268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A268; -webkit-box-shadow:4px 4px  
4px 4px #A6A268; box-shadow:4px 4px 4px  
4px #A6A268 }
```

Background

The CSS property to change the background color of an element to Hex A6A268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A268 }
```

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

```
.background{ background-color:#A6A268 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor