

# Converting Colors

Hex(A6A041)

Have a look what the booklet for  
Hex(A6A041) contains.

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**Color**

**Hex(A6A041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6A041
RGB	166, 160, 65
RGB Percent	65%, 63%, 25%
CMY	0.3490, 0.3725, 0.7451
CMYK	0.00, 0.04, 0.61, 0.35
HSL	56°, 44%, 45%
HSV	56°, 61%, 65%
XYZ	29.2508, 33.6303, 9.9506
YIQ	150.9640, 34.0710, -28.2730

# Conversions

## Conversions Part 2

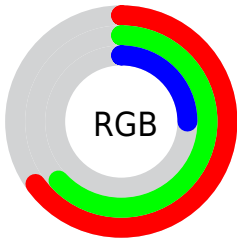
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 166, 65
Decimal	10920001
CIELab	64.67, -10.13, 49.00
CIELCh	65, 50.033, 101.684
Yxy	33.6303, 0.4016, 0.4618
Android (android.graphics.Color)	4289110081 (0xFFA6A041)
YUV	150.9640, -42.3803, 13.1866
Hunter-Lab	57.9916, -11.4503, 30.4207

# Details


The Hex color **A6A041** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4147A6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DFD775**, and **6F6D07** is the 20% darker color. If you saturate the color by 10%, you get **A69F30**, and if you desaturate by 10%, it is **A6A152**.

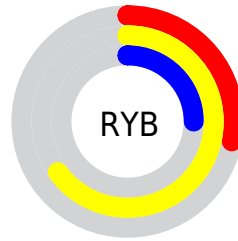
# Distribution



 Red (65%)

 Green (63%)

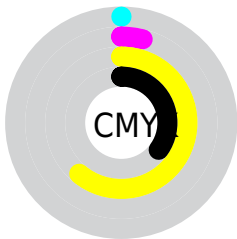
 Blue (25%)



 Red (28%)

 Yellow (65%)

 Blue (25%)

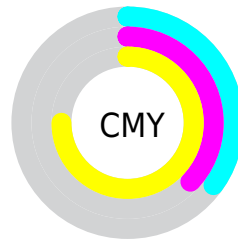



 Cyan (0%)


 Magenta (4%)

 Yellow (61%)

 Black (35%)



 Cyan (35%)

 Magenta (37%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6A041 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 A6A041 by changing the saturation by 10% instead.



 A6A041

 A6A041

FFFFFF

 8A8627

 DFD775

 6F6D07

 FDF38F

 555500

 FFFFAB

 3C3E00

 FFFFC7

 232800

 FFFF E3

 001500

 000000

 A6A041

 A6A041

 A69F30

 A6A152

 A69E20

 A6A262

 A69D0F

 A6A373

 A69C00

 A6A483

 A6A594

 A6A6A5

 A6A7B5

 A6A8C6

 A6A9D6

# Harmonies

## Analogous

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



CD9147



A6A041



75AB57

# Triad

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



A6A041



00B1D7



E17BBA

# Complementary

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



A6A041



4147A6

# 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.



B78AE0



A6A041



00A9F1

# Square

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



A6A041



00B3AE



709CF4



F1778D

# Rectangle

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



A6A041



4AB071



709CF4



D67FC8



# Sweetspot

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



A6A041



D9D6B2



A64148



6E6C56



EDEDED



6E6E6E



# Same Dimension

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



A6A041



D9CF3B



7AA641



54544C



948B00



141300



# Inverse Universe

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



4147A6



3B44D9



6D41A6



4C4C54



000994



000114



# Previews

## White Background



This preview shows how the Hex color A6A041 looks on a white background.

## Color Contrast Check

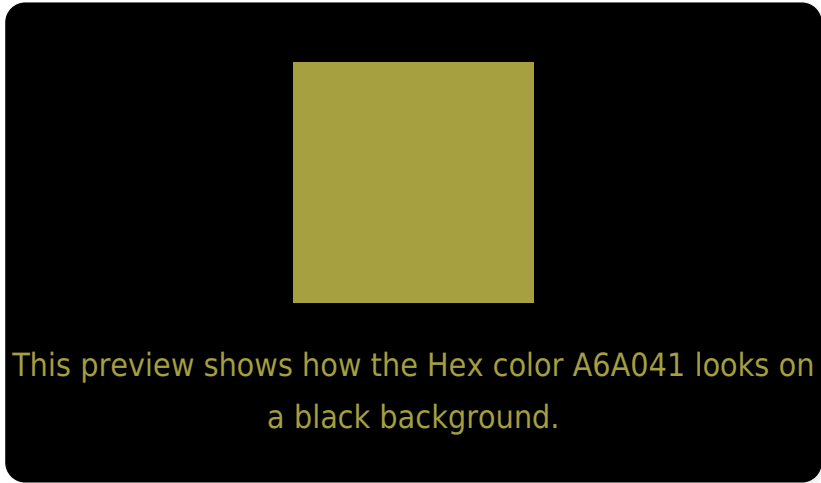
Large Text (above 18pt) WCAG AA × Fail

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 A6A041 Background



This preview shows how black text looks on a background with the Hex color A6A041.



This preview shows how white text looks on a background with the Hex color A6A041.

# 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**  
A6A041

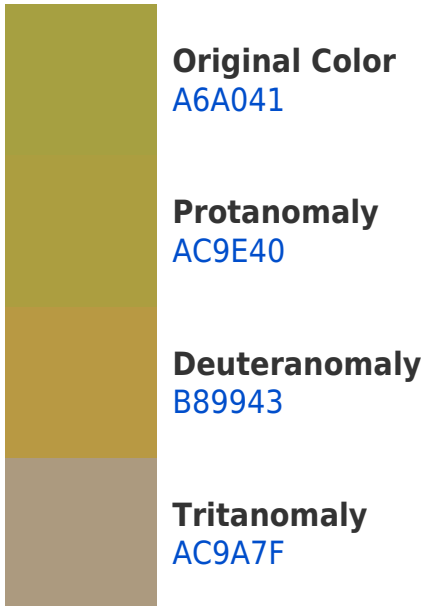
**Protanopia**  
AF9D40

**Deuteranopia**  
C29544

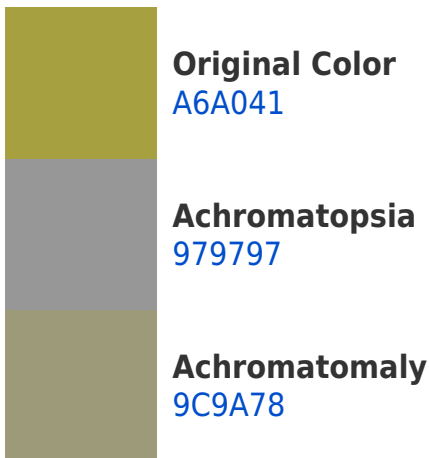


**Tritanopia**  
AF96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6A041 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 #A6A041 looks like.

```
.text, #text, p{  
    color:#A6A041  
}
```

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 #A6A041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6A041
}
```

## Border

The CSS property to change the border of an element to Hex A6A041 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
#A6A041 }
```

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

```
.border{ border-color:#A6A041 }
```

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

Here you see how a box with a 4 pixel #A6A041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6A041; -webkit-box-shadow:4px 4px  
4px 4px #A6A041; box-shadow:4px 4px 4px  
4px #A6A041 }
```

# Background

The CSS property to change the background color of an element to Hex A6A041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6A041 }
```

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

```
.background{ background-color:#A6A041 }
```

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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