

Converting Colors

Hex(A6AF36)

Have a look what the booklet for
Hex(A6AF36) contains.

Hex(A6AF36)	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(A6AF36)

Conversions

Conversions Part 1

Format	Color
Hex	A6AF36
RGB	166, 175, 54
RGB Percent	65%, 69%, 21%
CMY	0.3490, 0.3137, 0.7882
CMYK	0.05, 0.00, 0.69, 0.31
HSL	64°, 53%, 45%
HSV	64°, 69%, 69%
XYZ	31.7217, 39.0333, 9.3523
YIQ	158.5150, 33.4770, -39.5390

Conversions

Conversions Part 2

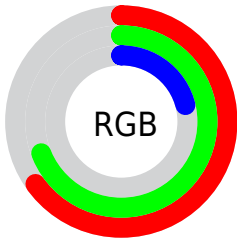
Format	Color
RYB	54, 175, 63
Decimal	10923830
CIELab	68.78, -18.59, 57.92
CIELCh	69, 60.830, 107.791
Yxy	39.0333, 0.3960, 0.4873
Android (android.graphics.Color)	4289113910 (0xFFA6AF36)
YUV	158.5150, -51.5259, 6.5643
Hunter-Lab	62.4766, -18.7030, 34.8584

Details

The Hex color **A6AF36** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3F36AF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E0E66C**, and **6F7B00** is the 20% darker color. If you saturate the color by 10%, you get **A5AF25**, and if you desaturate by 10%, it is **A7AF48**.

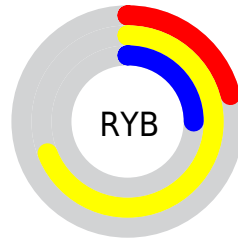
Distribution



Red (65%)

Green (69%)

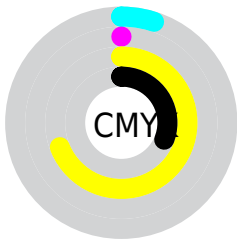
Blue (21%)



Red (21%)

Yellow (69%)

Blue (25%)

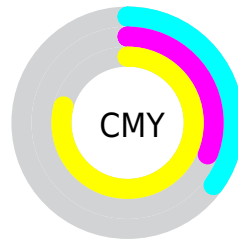


Cyan (5%)

Magenta (0%)

Yellow (69%)

Black (31%)



Cyan (35%)

Magenta (31%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6AF36 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 A6AF36 by changing the saturation by 10% instead.

 A6AF36

 A6AF36

FFFFFF

 8A9417

 E0E66C

 6F7B00

 FDF887

 546200

 FFFFA3

 3A4A00

 FFFFBF

 203400

 FFFFDB

 011F00

 FFFFF9

 000000

 A6AF36

 A6AF36

 A5AF25

 A7AF48

 A3AF13

 A9AF59

 A2AF01

 AAAF6A

 A2AF00

 ABAF7C

 ADAF8E

 AEAf9F

 AFaFB1

 B0AFc2

 B2AFD4

Harmonies

Analogous

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



D89D36



A6AF36



65BB5A

Triad

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



A6AF36



00BFF8



FF79C1

Complementary

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



A6AF36



3F36AF

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.



D48BF2



A6AF36



00B4FF

Square

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



A6AF36



00C3C8



81A2FF



FF7789

Rectangle

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



A6AF36



03C07C



81A2FF



F67ED3

Sweetspot

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



A6AF36



DFE3B3



AF3E36



717356



F2F2F2



737373

Same Dimension

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



A6AF36



D5E327



6AAF36



56574E



8B9600



151700

Inverse Universe

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



3F36AF



3527E3



7B36AF



4F4E57



0B0096



020017

Previews

White Background



This preview shows how the Hex color A6AF36 looks on a white background.

Color Contrast Check

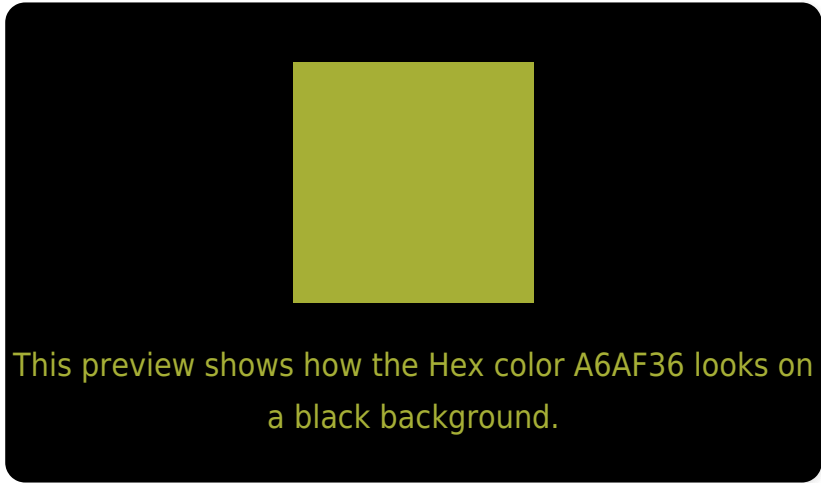
Large Text (above 18pt) WCAG AA × Fail

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 A6AF36 Background



This preview shows how black text looks on a background with the Hex color A6AF36.

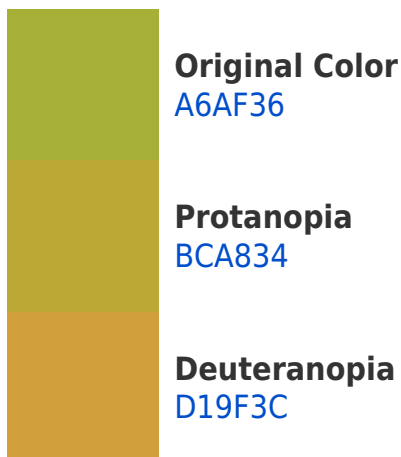


This preview shows how white text looks on a background with the Hex color A6AF36.

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](#).

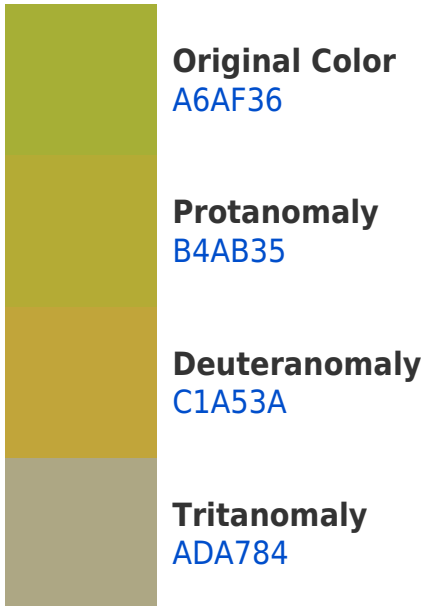
Dichromacy



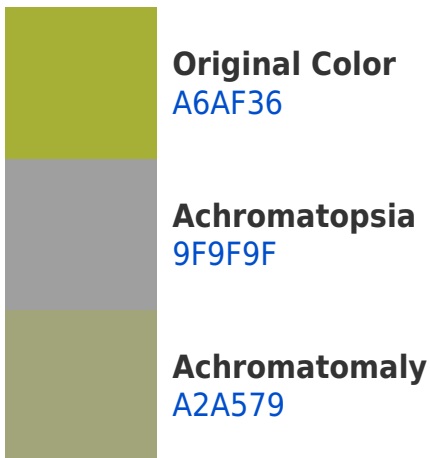


Tritanopia
B1A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6AF36 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 #A6AF36 looks like.

```
.text, #text, p{  
    color:#A6AF36  
}
```

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 #A6AF36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6AF36
}
```

Border

The CSS property to change the border of an element to Hex A6AF36 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
#A6AF36 }
```

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

```
.border{ border-color:#A6AF36 }
```

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

Here you see how a box with a 4 pixel #A6AF36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6AF36; -webkit-box-shadow:4px 4px  
4px 4px #A6AF36; box-shadow:4px 4px 4px  
4px #A6AF36 }
```

Background

The CSS property to change the background color of an element to Hex A6AF36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6AF36 }
```

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

```
.background{ background-color:#A6AF36 }
```

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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