

Converting Colors

Hex(A68D2E)

Have a look what the booklet for
Hex(A68D2E) contains.

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Color

Hex(A68D2E)

Conversions

Conversions Part 1

Format	Color
Hex	A68D2E
RGB	166, 141, 46
RGB Percent	65%, 55%, 18%
CMY	0.3490, 0.4471, 0.8196
CMYK	0.00, 0.15, 0.72, 0.35
HSL	48°, 57%, 42%
HSV	48°, 72%, 65%
XYZ	25.7439, 27.3540, 6.5078
YIQ	137.6450, 45.3950, -24.2450

Conversions

Conversions Part 2

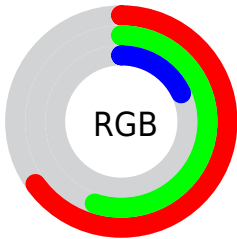
Format	Color
R _Y B	78, 166, 46
Decimal	10915118
CIE Lab	59.30, -1.07, 51.63
CIE LCh	59, 51.643, 91.182
Yxy	27.3540, 0.4319, 0.4589
Android (android.graphics.Color)	4289105198 (0xFFA68D2E)
YUV	137.6450, -45.1810, 24.8673
Hunter-Lab	52.3011, -3.6646, 29.2333

Details

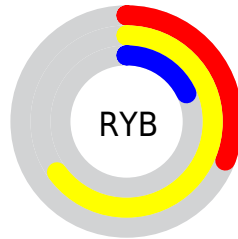
The Hex color **A68D2E** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2E47A6**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E0C262**, and **6E5B00** is the 20% darker color. If you saturate the color by 10%, you get **A68A1D**, and if you desaturate by 10%, it is **A6903F**.

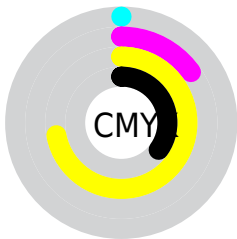
Distribution



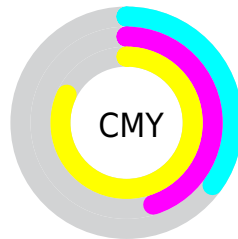
- Red (65%)
- Green (55%)
- Blue (18%)



- Red (31%)
- Yellow (65%)
- Blue (18%)



- Cyan (0%)
- Magenta (15%)
- Yellow (72%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color A68D2E 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 A68D2E by changing the saturation by 10% instead.

 A68D2E

 A68D2E

FFFFFF

 8A7411

 E0C262

 6E5B00


 FEDE7C

 544400

 FFFB97

 3A2E00

 FFFFB3

 211A00

 FFFFCF

 000000

 FFFFEB

 A68D2E

 A68D2E

 A68A1D

 A6903F

 A6860D

 A6944F

 A68300

 A69760

 A69B70

 A69E81

 A6A292

 A6A5A2

 A6A9B3

 A6ACC3

Harmonies

Analogous

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



CA7C3F



A68D2E



789A3C

Triad

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



A68D2E



00A4BC



C870BB

Complementary

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



A68D2E



2E47A6

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.



9382DD



A68D2E



009FDE

Square

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



A68D2E



00A58F



2C93E9



E0668F

Rectangle

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



A68D2E



519F53



2C93E9



B976C8

Sweetspot

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



A68D2E



D9CFA9



A62E48



6E6851



EDEDED



6E6E6E

Same Dimension

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



A68D2E



D9B11C



84A62E



54524C



947500



141000

Inverse Universe

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



2E47A6



1C43D9



502EA6



4C4D54



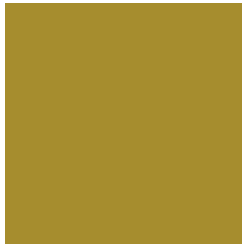
001F94



000414

Previews

White Background



This preview shows how the Hex color A68D2E looks on a white background.

Color Contrast Check

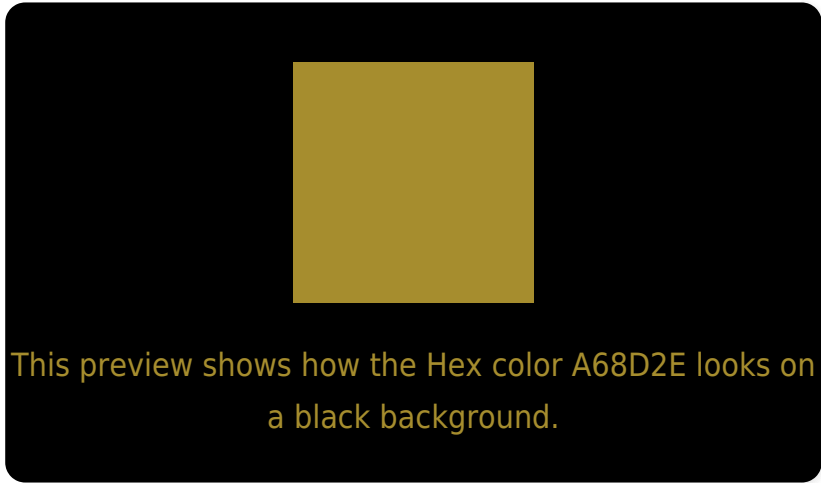
Large Text (above 18pt) WCAG AA ✓ Pass

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 A68D2E Background



This preview shows how black text looks on a background with the Hex color A68D2E.



This preview shows how white text looks on a background with the Hex color A68D2E.

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


A68D2E

Protanopia

A08F2F

Deuteranopia

B38830

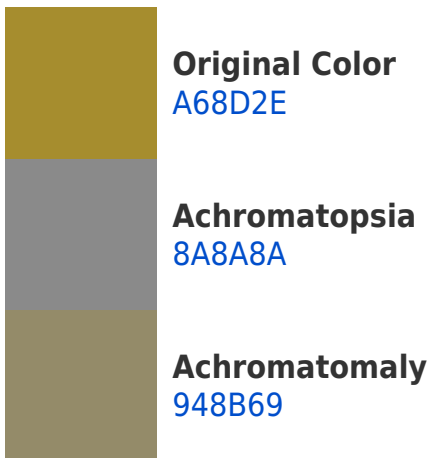


Tritanopia
AD848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A68D2E 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 #A68D2E looks like.

```
.text, #text, p{  
    color:#A68D2E  
}
```

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 #A68D2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68D2E
}
```

Border

The CSS property to change the border of an element to Hex A68D2E 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
#A68D2E }
```

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

```
.border{ border-color:#A68D2E }
```

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

Here you see how a box with a 4 pixel #A68D2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68D2E; -webkit-box-shadow:4px 4px  
4px 4px #A68D2E; box-shadow:4px 4px 4px  
4px #A68D2E }
```

Background

The CSS property to change the background color of an element to Hex A68D2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68D2E }
```

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

```
.background{ background-color:#A68D2E }
```

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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