

Converting Colors

Hex(A56700)

Have a look what the booklet for
Hex(A56700) contains.

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Color

Hex(A56700)

Conversions

Conversions Part 1

Format	Color
Hex	A56700
RGB	165, 103, 0
RGB Percent	65%, 40%, 0%
CMY	0.3529, 0.5961, 1.0000
CMYK	0.00, 0.38, 1.00, 0.35
HSL	37°, 100%, 32%
HSV	37°, 100%, 65%
XYZ	20.3673, 17.6998, 2.3429
YIQ	109.7960, 70.0150, -18.8890

Conversions

Conversions Part 2

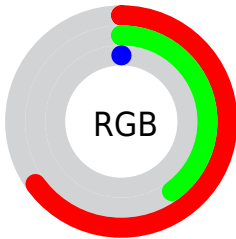
Format	Color
RYB	99, 165, 0
Decimal	10839808
CIELab	49.13, 18.47, 56.66
CIElCh	49, 59.599, 71.945
Yxy	17.6998, 0.5040, 0.4380
Android (android.graphics.Color)	4289029888 (0xFFA56700)
YUV	109.7960, -54.1294, 48.4139
Hunter-Lab	42.0712, 12.7901, 26.1480

Details

The Hex color **A56700** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **003EA5**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E19A3E**, and **6B3800** is the 20% darker color. If you saturate the color by 10%, you get **A56700**, and if you desaturate by 10%, it is **A56D10**.

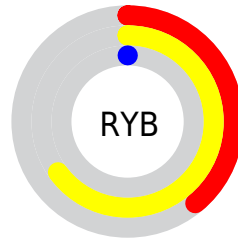
Distribution



Red (65%)

Green (40%)

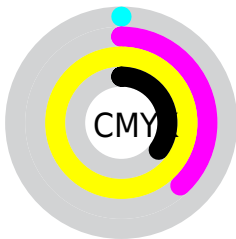
Blue (0%)



Red (39%)

Yellow (65%)

Blue (0%)

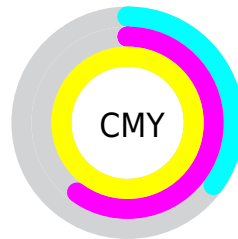


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A56700 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 A56700 by changing the saturation by 10% instead.

 A56700

 A56700

FFFFFF

 884F00

 E19A3E

 6B3800

 FF5559

 4F2200

 FFD173

 340D00

 FFED8E

 1C0001

 FFFFA9

 000000

 FFFFC5

 FFFFE2

 A56700

 A56D10

 A57321

 A57A32

 A58042

 A58652

 A58C63

 A59273

 A59984

 A59F94

Harmonies

Analogous

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



C35033



A56700



7A7900

Triad

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



A56700



008C88



905EC1

Complementary

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



A56700



003EA5

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.



1B74D8



A56700



008AB7

Square

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



A56700



008A53



0083D5



BF4695

Rectangle

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



A56700



56810E



0083D5



7766CB

Sweetspot

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



A56700



D6BE96



A5003F



6B5D45



EBEBEB



6B6B6B

Same Dimension

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



A56700



D68600



92A500



524F49



915B00



120B00

Inverse Universe

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



003EA5



0050D6



1300A5



494D52



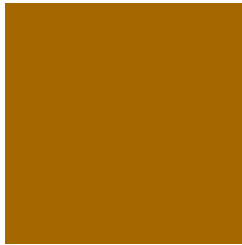
003791



000712

Previews

White Background



This preview shows how the Hex color A56700 looks on a white background.

Color Contrast Check

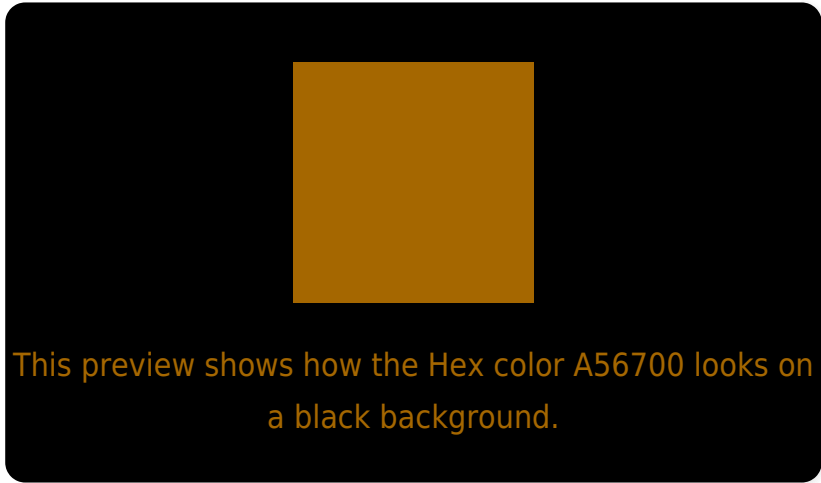
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 A56700 Background



This preview shows how black text looks on a background with the Hex color A56700.



This preview shows how white text looks on a background with the Hex color A56700.

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
A56700

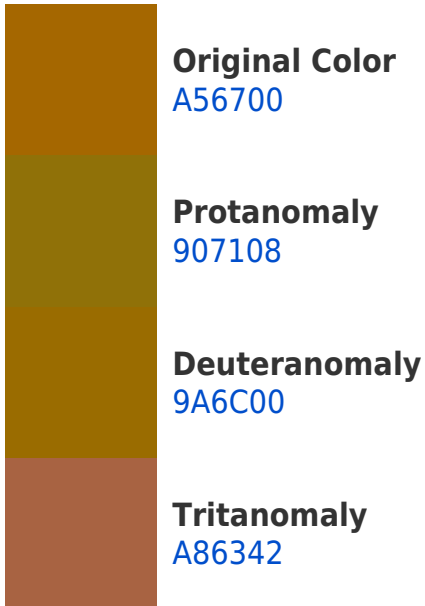
Protanopia
84760C

Deuteranopia
946F00

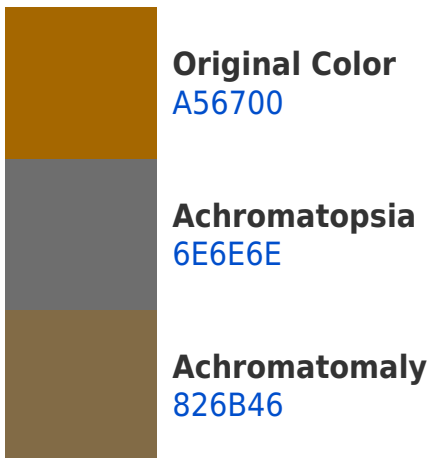


Tritanopia
A96067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A56700 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 #A56700 looks like.

```
.text, #text, p{  
    color:#A56700  
}
```

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 #A56700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A56700
}
```

Border

The CSS property to change the border of an element to Hex A56700 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
#A56700 }
```

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

```
.border{ border-color:#A56700 }
```

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

Here you see how a box with a 4 pixel #A56700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A56700; -webkit-box-shadow:4px 4px  
4px 4px #A56700; box-shadow:4px 4px 4px  
4px #A56700 }
```

Background

The CSS property to change the background color of an element to Hex A56700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A56700 }
```

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

```
.background{ background-color:#A56700 }
```

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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