

Converting Colors

Hex(A70017)

Have a look what the booklet for
Hex(A70017) contains.

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Color

Hex(A70017)

Conversions

Conversions Part 1

Format	Color
Hex	A70017
RGB	167, 0, 23
RGB Percent	65%, 0%, 9%
CMY	0.3451, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.86, 0.35
HSL	352°, 100%, 33%
HSV	352°, 100%, 65%
XYZ	16.0910, 8.2774, 1.5602
YIQ	52.5550, 92.1490, 42.5570

Conversions

Conversions Part 2

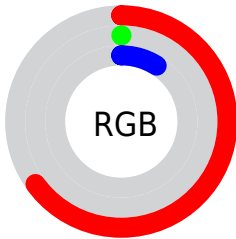
Format	Color
R_{YB}	167, 0, 23
Decimal	10944535
CIE _{Lab}	34.55, 58.69, 38.58
CIE _{LCh}	35, 70.241, 33.320
Yxy	8.2774, 0.6206, 0.3192
Android (android.graphics.Color)	4289134615 (0xFFA70017)
YUV	52.5550, -14.5706, 100.3683
Hunter-Lab	28.7704, 49.4852, 16.9240

Details

The Hex color **A70017** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A790**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **E64D43**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A70017**, and if you desaturate by 10%, it is **A71125**.

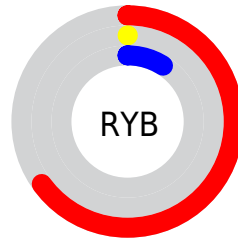
Distribution



Red (65%)

Green (0%)

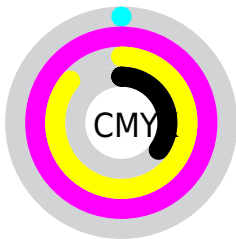
Blue (9%)



Red (65%)

Yellow (0%)

Blue (9%)

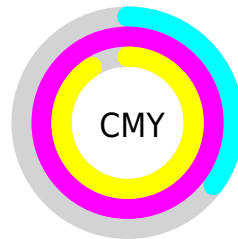


Cyan (0%)

Magenta (100%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A70017 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 A70017 by changing the saturation by 10% instead.

 A70017

 A70017

FFFFFFD

 880000

 E64D43

 690000

 FF695B

 4B0001

 FF8574

 2E0002

 FFA18E

 000000

 FFBEA8

 FFDBC4

 FFF8E0

 A70017

 A71125

 A72134

 A73242

 A74351

 A7535F

 A7646D

 A7757C

 A7868A

 A79699

Harmonies

Analogous

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



AE004E



A70017



8A3900

Triad

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



A70017



006419



0058C3

Complementary

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



A70017



00A790

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.



0064B7



A70017



006756

Square

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



A70017



205E00



00678E



4F3EB0

Rectangle

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



A70017



6F4B00



00678E



005DC3

Sweetspot

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



A70017



D998A1



8E00A7



6E464C



EDEDED



6E6E6E

Same Dimension

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



A70017



D9001E



A73A00



544C4D



940014



140003

Inverse Universe

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



A70017



D9001E



006DA7



544C4D



940014



140003

Previews

White Background



This preview shows how the Hex color A70017 looks on a white background.

Color Contrast Check

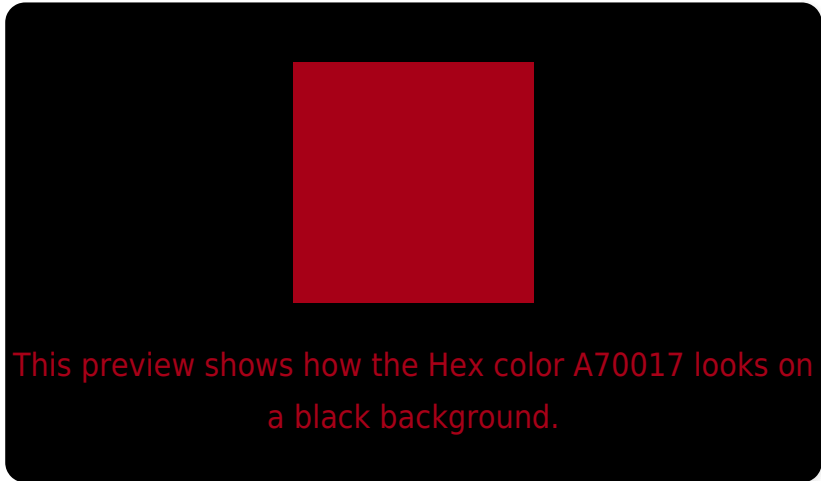
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Hex A70017 Background



This preview shows how black text looks on a background with the Hex color A70017.

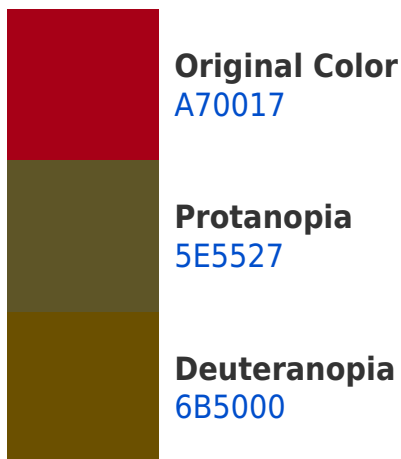


This preview shows how white text looks on a background with the Hex color A70017.

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
A60F00

Trichromacy



Original Color
A70017

Protanomaly
793621

Deuteranomaly
813308

Tritanomaly
A60A08

Monochromacy



Original Color
A70017

Achromatopsia
353535

Achromatomaly
5E222A

CSS Examples

Text

The CSS property to change the color of the text to Hex A70017 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 #A70017 looks like.

```
.text, #text, p{  
    color:#A70017  
}
```

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 #A70017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A70017
}
```

Border

The CSS property to change the border of an element to Hex A70017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

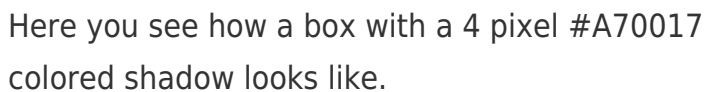
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A70017 }
```

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

```
.border{ border-color:#A70017 }
```

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



Here you see how a box with a 4 pixel #A70017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A70017; -webkit-box-shadow:4px 4px  
4px 4px #A70017; box-shadow:4px 4px 4px  
4px #A70017 }
```

Background

The CSS property to change the background color of an element to Hex A70017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A70017 }
```

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

```
.background{ background-color:#A70017 }
```

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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