

# Converting Colors

Hex(A50007)

Have a look what the booklet for  
Hex(A50007) contains.

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**Color**

**Hex(A50007)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A50007
RGB	165, 0, 7
RGB Percent	65%, 0%, 3%
CMY	0.3529, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.96, 0.35
HSL	357°, 100%, 32%
HSV	357°, 100%, 65%
XYZ	15.5554, 8.0147, 0.9281
YIQ	50.1330, 96.0930, 37.1570

# Conversions

## Conversions Part 2

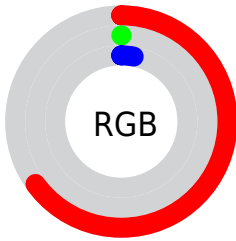
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 0, 7
Decimal	10813447
CIELab	34.01, 57.92, 45.37
CIELCh	34, 73.574, 38.071
Yxy	8.0147, 0.6350, 0.3272
Android (android.graphics.Color)	4289003527 (0xFFA50007)
YUV	50.1330, -21.2646, 100.7384
Hunter-Lab	28.3102, 48.5363, 17.8733

# Details

The Hex color **A50007** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A59E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **E54C36**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A50007**, and if you desaturate by 10%, it is **A51017**.

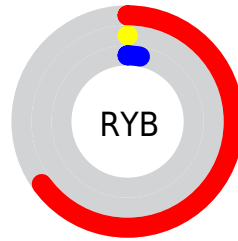
# Distribution



Red (65%)

Green (0%)

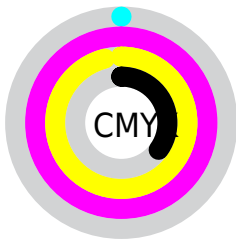
Blue (3%)



Red (65%)

Yellow (0%)

Blue (3%)

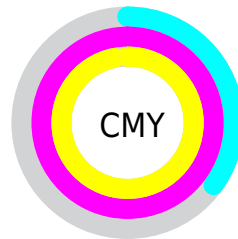


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (35%)



Cyan (35%)

Magenta (100%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A50007 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 A50007 by changing the saturation by 10% instead.



 A50007

 A50007

 FFFFED

 860000

 E54C36

 670000

 FF684D

 490001

 FF8466

 2C0001

 FFA07F

 000000

 FFBD9A

 FFDAB5

 FFF7D1

 A50007

 A51017

 A52127

 A53236

 A54246

 A55256

 A56366

 A57376

 A58485

 A59495

# Harmonies

## Analogous

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



B10043



A50007



843C00

# Triad

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



A50007



006420



0054C6

# Complementary

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



A50007



00A59E

# 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.



0062BE



A50007



00665F

# Square

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



A50007



005F00



006798



5E36AE

# Rectangle

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



A50007



664D00



006798



005AC8



# Sweetspot

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



A50007



D69699



9D00A5



6B4546



EBEBEB



6B6B6B



# Same Dimension

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



A50007



D60009



A54A00



52494A



910006



120001



# Inverse Universe

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



A50007



D60009



005BA5



52494A



910006



120001



# Previews

## White Background



This preview shows how the Hex color A50007 looks on a white background.

## Color Contrast Check

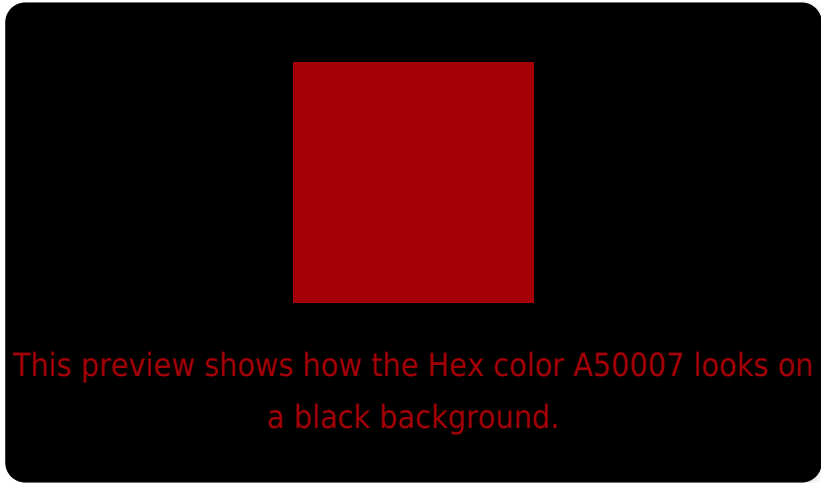
Large Text (above 18pt) WCAG AA ✓ Pass

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 A50007 Background



This preview shows how black text looks on a background with the Hex color A50007.



This preview shows how white text looks on a background with the Hex color A50007.

# 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**  
A50007

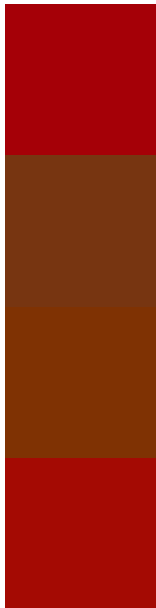
**Protanopia**  
5D5317

**Deuteranopia**  
694F00



**Tritanopia**  
A40F00

# Trichromacy



**Original Color**  
A50007

**Protanomaly**  
773511

**Deuteranomaly**  
7F3203

**Tritanomaly**  
A40A03

# Monochromacy



**Original Color**  
A50007

**Achromatopsia**  
323232

**Achromatomaly**  
5C2022

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A50007 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 #A50007 looks like.

```
.text, #text, p{  
    color:#A50007  
}
```

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 #A50007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50007
}
```

## Border

The CSS property to change the border of an element to Hex A50007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

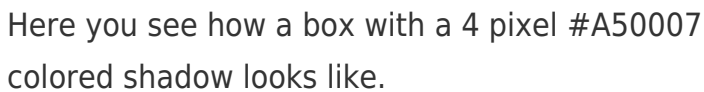
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A50007 }
```

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

```
.border{ border-color:#A50007 }
```

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



Here you see how a box with a 4 pixel #A50007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50007; -webkit-box-shadow:4px 4px  
4px 4px #A50007; box-shadow:4px 4px 4px  
4px #A50007 }
```

# Background

The CSS property to change the background color of an element to Hex A50007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50007 }
```

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

```
.background{ background-color:#A50007 }
```

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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