

# Converting Colors

Hex(AF0041)

Have a look what the booklet for  
Hex(AF0041) contains.

<b>Hex(AF0041)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AF0041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF0041
RGB	175, 0, 65
RGB Percent	69%, 0%, 25%
CMY	0.3137, 1.0000, 0.7451
CMYK	0.00, 1.00, 0.63, 0.31
HSL	338°, 100%, 34%
HSV	338°, 100%, 69%
XYZ	18.6333, 9.4956, 5.8518
YIQ	59.7350, 83.4350, 57.3150

# Conversions

## Conversions Part 2

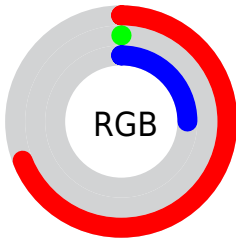
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 0, 65
Decimal	11468865
CIE <sub>Lab</sub>	36.92, 62.35, 15.77
CIE <sub>LCh</sub>	37, 64.314, 14.193
Yxy	9.4956, 0.5484, 0.2794
Android (android.graphics.Color)	4289658945 (0xFFAF0041)
YUV	59.7350, 2.5956, 101.0874
Hunter-Lab	30.8150, 54.0100, 10.3113

# Details

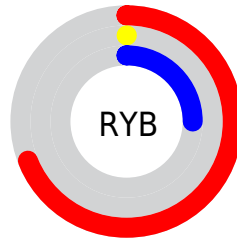
The Hex color **AF0041** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00AF6E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **ED5070**, and **730018** is the 20% darker color. If you saturate the color by 10%, you get **AF0041**, and if you desaturate by 10%, it is **AF114C**.

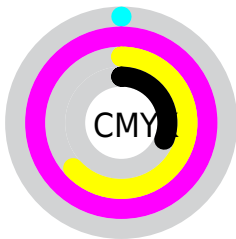
# Distribution



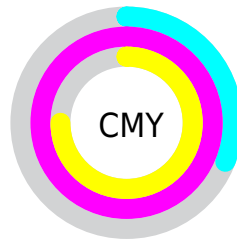
- Red (69%)
- Green (0%)
- Blue (25%)



- Red (69%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF0041 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 AF0041 by changing the saturation by 10% instead.



 AF0041

 AF0041

FFFFFF

 91002B

 ED5070

 730018

 FF6D8A

 550001

 FF89A4

 390002

 FFA6BF

 0F0000

 FFC3DB

 000000

 FFE0F7

FFFEFF

 AF0041

 AF114C

 AF2357

 AF3562

 AF466D

 AF5878

 AF6983

 AF7A8E

 AF8C99

 AF9EA4

# Harmonies

## Analogous

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



A31174



AF0041



A12D0C

# Triad

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



AF0041



006600



0065BC

# Complementary

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



AF0041



00AF6E

# 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.



006B9F



AF0041



006B38

# Square

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



AF0041



545C00



006D6F



0055BD

# Rectangle

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



AF0041



8D4200



006D6F



0068B5



# Sweetspot

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



AF0041



E39FB8



6C00AF



734959



F2F2F2



737373



# Same Dimension

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



AF0041



E30054



AF1400



574E51



960038



170009



# Inverse Universe

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



AF0041



E30054



009BAF



574E51



960038



170009



# Previews

## White Background



This preview shows how the Hex color AF0041 looks on a white background.

## Color Contrast Check

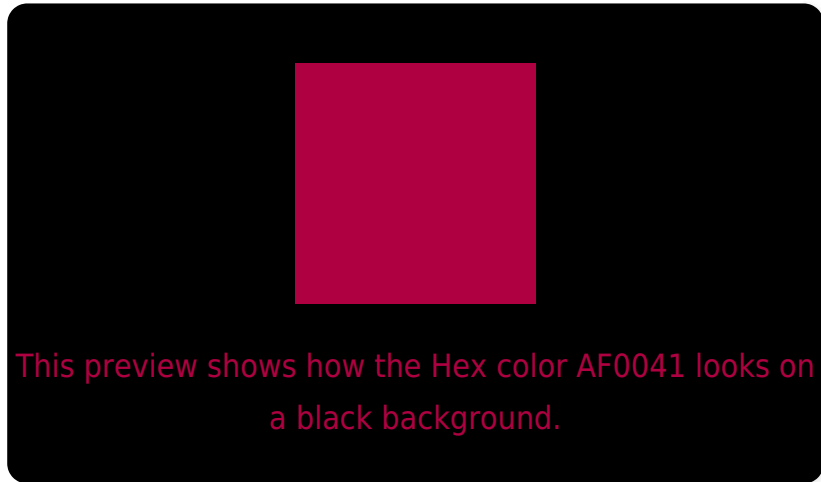
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF0041 Background



This preview shows how black text looks on a background with the Hex color AF0041.



This preview shows how white text looks on a background with the Hex color AF0041.

# 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



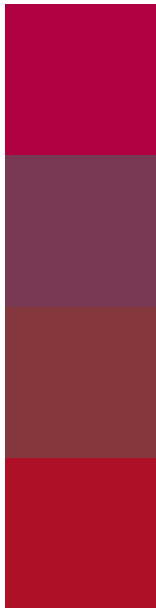
**Original Color**  
AF0041

**Protanopia**  
5A595F

**Deuteranopia**  
6C5639



# Trichromacy



**Original Color**  
AF0041

**Protanomaly**  
793954

**Deuteranomaly**  
84373C

**Tritanomaly**  
AE1127

# Monochromacy



**Original Color**  
AF0041

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
66263E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF0041 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 #AF0041 looks like.

```
.text, #text, p{  
    color:#AF0041  
}
```

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 #AF0041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF0041
}
```

## Border

The CSS property to change the border of an element to Hex AF0041 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
#AF0041 }
```

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

```
.border{ border-color:#AF0041 }
```

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

Here you see how a box with a 4 pixel #AF0041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF0041; -webkit-box-shadow:4px 4px  
4px 4px #AF0041; box-shadow:4px 4px 4px  
4px #AF0041 }
```

# Background

The CSS property to change the background color of an element to Hex AF0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF0041 }
```

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

```
.background{ background-color:#AF0041 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor