

# Converting Colors

Hex(A0205F)

Have a look what the booklet for  
Hex(A0205F) contains.

<b>Hex(A0205F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A0205F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0205F
RGB	160, 32, 95
RGB Percent	63%, 13%, 37%
CMY	0.3725, 0.8745, 0.6275
CMYK	0.00, 0.80, 0.41, 0.37
HSL	330°, 67%, 38%
HSV	330°, 80%, 63%
XYZ	17.0793, 9.3328, 11.7277
YIQ	77.4540, 56.0650, 46.7290

# Conversions

## Conversions Part 2

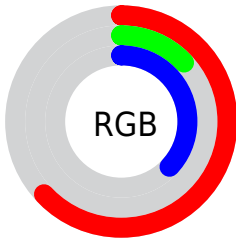
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 32, 95
Decimal	10494047
CIE <sub>Lab</sub>	36.62, 55.35, -4.44
CIE <sub>LCh</sub>	37, 55.529, 355.415
Yxy	9.3328, 0.4478, 0.2447
Android (android.graphics.Color)	4288684127 (0xFFA0205F)
YUV	77.4540, 8.6502, 72.3928
Hunter-Lab	30.5497, 46.3313, -1.3760

# Details

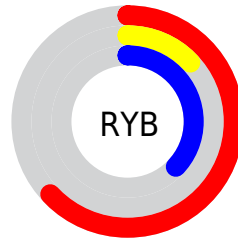
The Hex color **A0205F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20A061**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **DB5B91**, and **670031** is the 20% darker color. If you saturate the color by 10%, you get **A01057**, and if you desaturate by 10%, it is **A03067**.

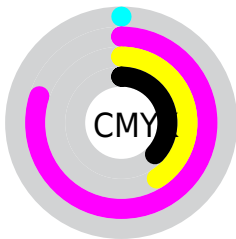
# Distribution



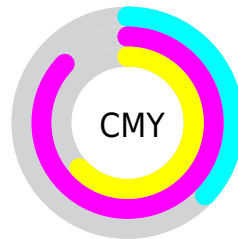
- Red (63%)
- Green (13%)
- Blue (37%)



- Red (63%)
- Yellow (13%)
- Blue (37%)



- Cyan (0%)
- Magenta (80%)
- Yellow (41%)
- Black (37%)



- Cyan (37%)
- Magenta (87%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0205F 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 A0205F by changing the saturation by 10% instead.



 A0205F

 A0205F

FFFFFF

 830047

 DB5B91

 670031

 F976AC

 4B001C

 FF92C7

 330002

 FFAEE3

 000000

 FFCBFF

 FFE8FF

 A0205F

 A0205F

 A01057

 A03067

 A0004F

 A0406F

 A05077

 A06080

 A07088

 A08090

 A09098

 A0A0A0

 A0B0A8

# Harmonies

## Analogous

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



84368A



A0205F



A22733

# Triad

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



A0205F



445F00



0067A0

# Complementary

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



A0205F



20A061

# 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.



006A7B



A0205F



00661E

# Square

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



A0205F



6F5200



00694E



005E80

# Rectangle

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



A0205F



973616



00694E



006895



# Sweetspot

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



A0205F



D19FB8



6020A0



694A59



E8E8E8



696969



# Same Dimension

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



A0205F



D1086B



A02020



4F474B



8F0046



0F0008



# Inverse Universe

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



A0205F



D1086B



20A0A0



4F474B



8F0046



0F0008



# Previews

## White Background



This preview shows how the Hex color A0205F looks on a white background.

## Color Contrast Check

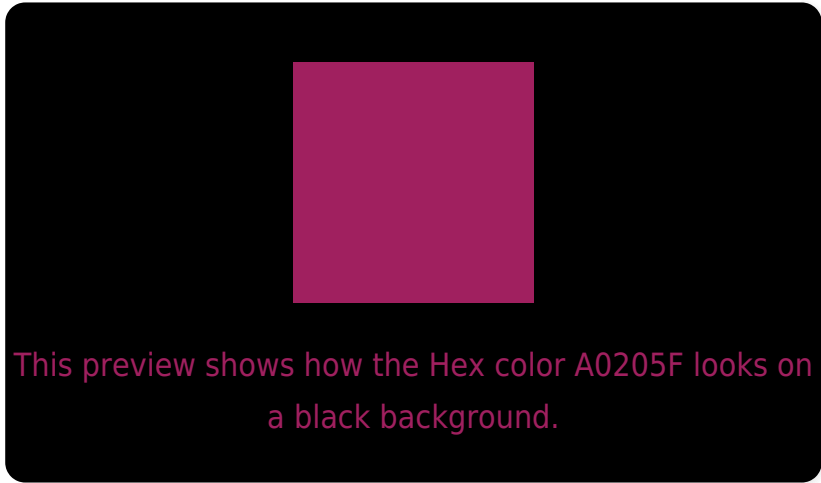
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0205F Background



This preview shows how black text looks on a background with the Hex color A0205F.



This preview shows how white text looks on a background with the Hex color A0205F.

# 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**  
9D2E31

# Trichromacy



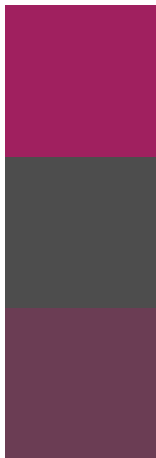
**Original Color**  
A0205F

**Protanomaly**  
694275

**Deuteranomaly**  
77425B

**Tritanomaly**  
9E2942

# Monochromacy



**Original Color**  
A0205F

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
6B3D54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0205F 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 #A0205F looks like.

```
.text, #text, p{  
    color:#A0205F  
}
```

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 #A0205F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0205F
}
```

## Border

The CSS property to change the border of an element to Hex A0205F is called "border". The border property can be set on classes, ids or directly on the HTML element.

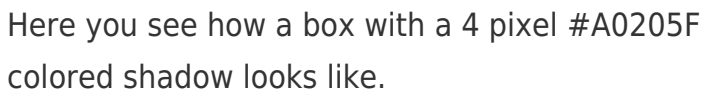
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0205F }
```

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

```
.border{ border-color:#A0205F }
```

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



Here you see how a box with a 4 pixel `#A0205F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0205F; -webkit-box-shadow:4px 4px  
4px 4px #A0205F; box-shadow:4px 4px 4px  
4px #A0205F }
```

# Background

The CSS property to change the background color of an element to Hex A0205F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0205F }
```

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

```
.background{ background-color:#A0205F }
```

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