

# Converting Colors

Hex(A4326F)

Have a look what the booklet for  
Hex(A4326F) contains.

<b>Hex(A4326F)</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(A4326F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4326F
RGB	164, 50, 111
RGB Percent	64%, 20%, 44%
CMY	0.3569, 0.8039, 0.5647
CMYK	0.00, 0.70, 0.32, 0.36
HSL	328°, 53%, 42%
HSV	328°, 70%, 64%
XYZ	19.3197, 11.3214, 16.2059
YIQ	91.0400, 48.3630, 43.1390

# Conversions

## Conversions Part 2

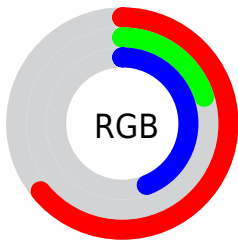
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	164, 50, 111
Decimal	10760815
CIE <sub>Lab</sub>	40.12, 52.10, -9.24
CIE <sub>LCh</sub>	40, 52.915, 349.946
Yxy	11.3214, 0.4124, 0.2417
Android (android.graphics.Color)	4288950895 (0xFFA4326F)
YUV	91.0400, 9.8403, 63.9859
Hunter-Lab	33.6473, 43.6087, -5.0034

# Details

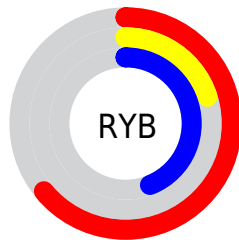
The Hex color **A4326F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **32A467**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DE69A3**, and **6C003F** is the 20% darker color. If you saturate the color by 10%, you get **A42267**, and if you desaturate by 10%, it is **A44277**.

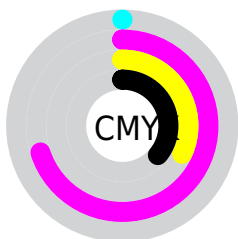
# Distribution



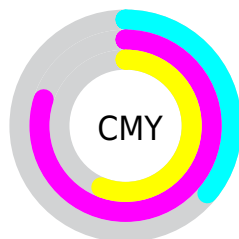
- Red (64%)
- Green (20%)
- Blue (44%)



- Red (64%)
- Yellow (20%)
- Blue (44%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (36%)



- Cyan (36%)
- Magenta (80%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4326F 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 A4326F by changing the saturation by 10% instead.



 A4326F

 A4326F

FFFFFF

 881157

 DE69A3

 6C003F

 FC84BE

 510029

 FFA0D9

 390015

 FFBCF6

 150000

 FFD8FF

 000000

 FFF6FF

 A4326F

 A4326F

 A42267

 A44277

 A41160

 A4537E


 A40158

 A46386

 A40058

 A4748D

 A48495

 A4949D

 A4A5A4

 A4B5AC

 A4C6B4

# Harmonies

## Analogous

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



844597



A4326F



AA3244

# Triad

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



A4326F



576500



0070A0

# Complementary

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



A4326F



32A467

# 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.



00727B



A4326F



1A6D22

# Square

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



A4326F



7E5700



00714E



0068B4

# Rectangle

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



A4326F



A33E29



00714E



007195



# Sweetspot

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



A4326F



D6A9C1



6532A4



6B505F



EBEBEB



6B6B6B



# Same Dimension

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



A4326F



D62484



A43238



52494E



91004E



12000A



# Inverse Universe

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



A4326F



D62484



32A49E



52494E



91004E



12000A



# Previews

## White Background



This preview shows how the Hex color A4326F looks on a white background.

## Color Contrast Check

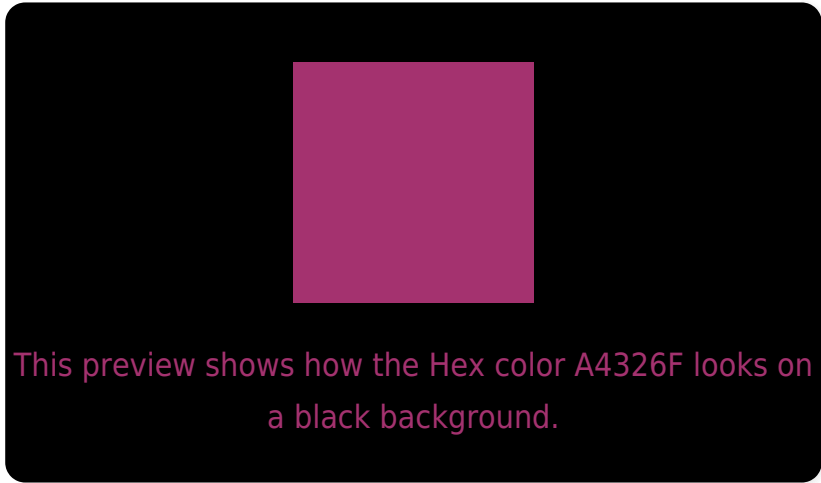
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

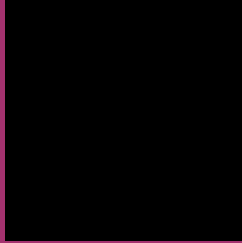
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A4326F Background



This preview shows how black text looks on a background with the Hex color A4326F.




This preview shows how white text looks on a background with the Hex color A4326F.

# 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**  
A13E42

# Trichromacy



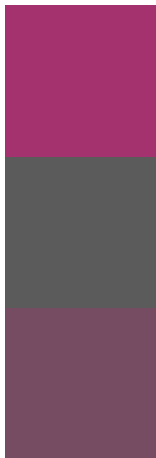
**Original Color**  
A4326F

**Protanomaly**  
6E4E83

**Deuteranomaly**  
7B4D6B

**Tritanomaly**  
A23A52

# Monochromacy



**Original Color**  
A4326F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
764C62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4326F 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 #A4326F looks like.

```
.text, #text, p{  
    color:#A4326F  
}
```

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 #A4326F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4326F
}
```

## Border

The CSS property to change the border of an element to Hex A4326F is called "border". The border property can be set on classes, ids or directly on the HTML element.

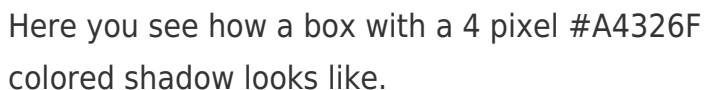
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4326F }
```

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

```
.border{ border-color:#A4326F }
```

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



Here you see how a box with a 4 pixel #A4326F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4326F; -webkit-box-shadow:4px 4px  
4px 4px #A4326F; box-shadow:4px 4px 4px  
4px #A4326F }
```

# Background

The CSS property to change the background color of an element to Hex A4326F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4326F }
```

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

```
.background{ background-color:#A4326F }
```

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