

# Converting Colors

Hex(A1586F)

Have a look what the booklet for  
Hex(A1586F) contains.

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# Color

**Hex(A1586F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1586F
RGB	161, 88, 111
RGB Percent	63%, 35%, 44%
CMY	0.3686, 0.6549, 0.5647
CMYK	0.00, 0.45, 0.31, 0.37
HSL	341°, 29%, 49%
HSV	341°, 45%, 63%
XYZ	21.0569, 15.7042, 16.9603
YIQ	112.4490, 36.1250, 22.6290

# Conversions

## Conversions Part 2

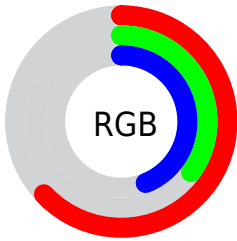
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 88, 111
Decimal	10573935
CIE Lab	46.58, 32.79, 0.29
CIE LCh	47, 32.787, 0.512
Yxy	15.7042, 0.3920, 0.2923
Android (android.graphics.Color)	4288764015 (0xFFA1586F)
YUV	112.4490, -0.7144, 42.5792
Hunter-Lab	39.6285, 25.4973, 2.3649

# Details

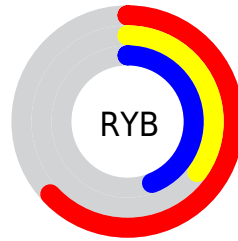
The Hex color **A1586F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **58A18A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **DA8CA3**, and **6B273F** is the 20% darker color. If you saturate the color by 10%, you get **A14864**, and if you desaturate by 10%, it is **A1687A**.

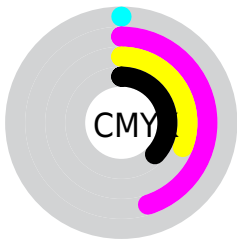
# Distribution



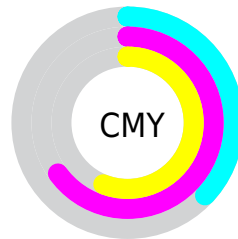
- Red (63%)
- Green (35%)
- Blue (44%)



- Red (63%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (37%)



- Cyan (37%)
- Magenta (65%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1586F 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 A1586F by changing the saturation by 10% instead.



 A1586F

 A1586F

FFFFFF

 863F57

 DA8CA3

 6B273F

 F7A6BE

 510E2A

 FFC2D9

 380015

 FFDEF6

 200001

 FFFBFF

 000000

 A1586F

 A1586F

 A14864

 A1687A

 A13859

 A17885

 A1284E

 A18890

 A11843

 A1989B

 A10838

 A1A8A6

 A10033

 A1B9B1

 A1C9BC

 A1D9C7

 A1E9D2

# Harmonies

## Analogous

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



915D8A



A1586F



A25B54

# Triad

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



A1586F



63753E



00789E

# Complementary

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



A1586F



58A18A

# 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.



007C89



A1586F



407A52

# Square

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



A1586F



7F6D36



027D6E



4271A5

# Rectangle

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



A1586F



9A6045



027D6E



007A98



# Sweetspot

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



A1586F



D1B4BD



8A58A1



69575C



E8E8E8



696969



# Same Dimension

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



A1586F



D16084



A16558



52494C



91002E



120006



# Inverse Universe

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



A1586F



D16084



5894A1



52494C



91002E

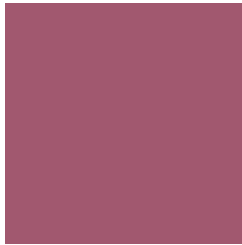


120006



# Previews

## White Background



This preview shows how the Hex color A1586F looks on a white background.

## Color Contrast Check

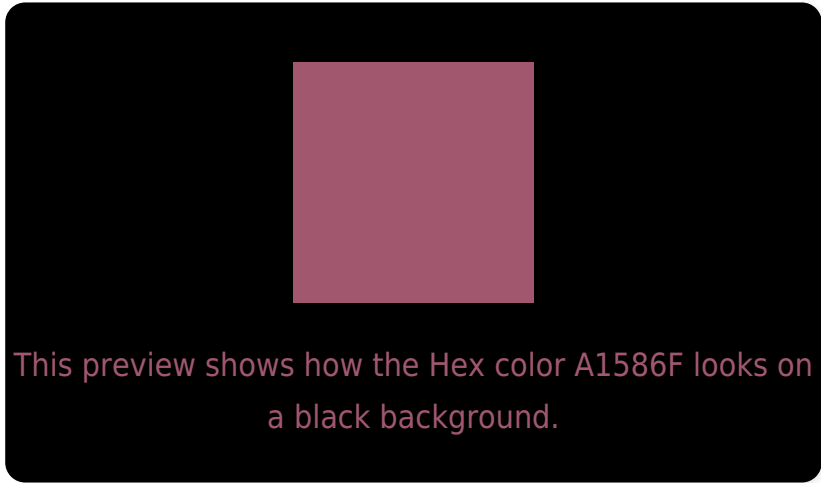
Large Text (above 18pt) WCAG AA ✓ Pass

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

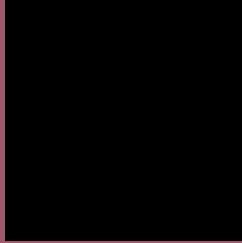
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A1586F Background



This preview shows how black text looks on a background with the Hex color A1586F.

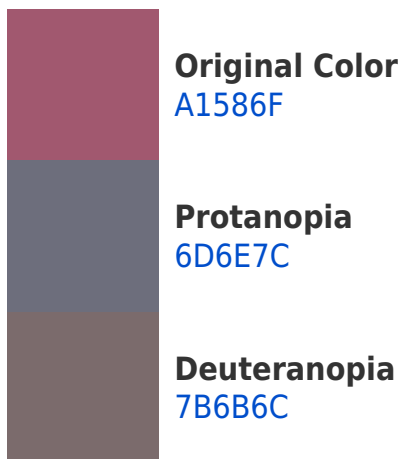



This preview shows how white text looks on a background with the Hex color A1586F.

# 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**  
A05A61

# Trichromacy



**Original Color**  
A1586F

**Protanomaly**  
806677

**Deuteranomaly**  
89646D

**Tritanomaly**  
A05966

# Monochromacy



**Original Color**  
A1586F

**Achromatopsia**  
707070

**Achromatomaly**  
826770

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1586F 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 #A1586F looks like.

```
.text, #text, p{  
    color:#A1586F  
}
```

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 #A1586F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1586F
}
```

## Border

The CSS property to change the border of an element to Hex A1586F is called "border". The border property can be set on classes, ids or directly on the HTML element.

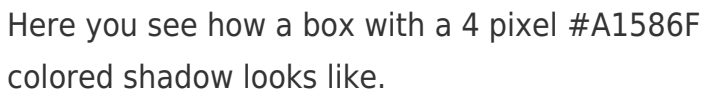
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1586F }
```

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

```
.border{ border-color:#A1586F }
```

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



Here you see how a box with a 4 pixel `#A1586F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1586F; -webkit-box-shadow:4px 4px  
4px 4px #A1586F; box-shadow:4px 4px 4px  
4px #A1586F }
```

# Background

The CSS property to change the background color of an element to Hex A1586F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1586F }
```

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

```
.background{ background-color:#A1586F }
```

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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