

# Converting Colors

Hex(A6175F)

Have a look what the booklet for  
Hex(A6175F) contains.

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# Color

**Hex(A6175F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6175F
RGB	166, 23, 95
RGB Percent	65%, 9%, 37%
CMY	0.3490, 0.9098, 0.6275
CMYK	0.00, 0.86, 0.43, 0.35
HSL	330°, 76%, 37%
HSV	330°, 86%, 65%
XYZ	18.0978, 9.5460, 11.7152
YIQ	73.9650, 62.1160, 52.7080

# Conversions

## Conversions Part 2

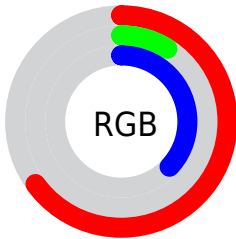
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 23, 95
Decimal	10884959
CIE <sub>Lab</sub>	37.01, 59.14, -3.72
CIE <sub>LCh</sub>	37, 59.255, 356.401
Yxy	9.5460, 0.4598, 0.2425
Android (android.graphics.Color)	4289075039 (0xFFA6175F)
YUV	73.9650, 10.3703, 80.7147
Hunter-Lab	30.8966, 50.4882, -0.8536

# Details

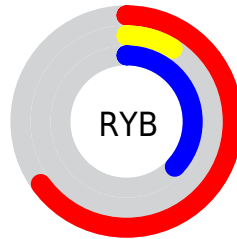
The Hex color **A6175F** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **17A65E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **E15791**, and **6C0031** is the 20% darker color. If you saturate the color by 10%, you get **A60657**, and if you desaturate by 10%, it is **A62867**.

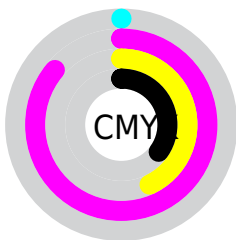
# Distribution



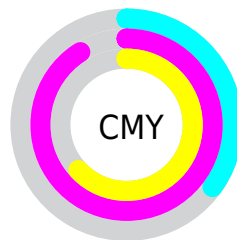
- Red (65%)
- Green (9%)
- Blue (37%)



- Red (65%)
- Yellow (9%)
- Blue (37%)



- Cyan (0%)
- Magenta (86%)
- Yellow (43%)
- Black (35%)



- Cyan (35%)
- Magenta (91%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6175F 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 A6175F by changing the saturation by 10% instead.




 A6175F

 A6175F

FFFFFF

 890047

 E15791

 6C0031

 FF73AC

 50001C

 FF8FC7

 370002

 FFABE3

 080000

 FFC8FF

 000000

 FFE5FF

 A6175F

 A6175F

 A60657

 A62867

 A60054

 A6386F

 A64978

 A65980

 A66A88

 A67B90

 A68B99

 A69CA1

 A6ACA9

# Harmonies

## Analogous

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



89328D



A6175F



A72230

# Triad

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



A6175F



416100



0068A7

# Complementary

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



A6175F



17A65E

# 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.



006C81



A6175F



00681C

# Square

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



A6175F



6F5300



006B50



005FB7

# Rectangle

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



A6175F



9B3510



006B50



006A9C



# Sweetspot

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



A6175F



D9A0BD



5C17A6



6E4C5D



EDEDED



6E6E6E



# Same Dimension

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



A6175F



D9006D



A61719



544C50



94004A



14000A



# Inverse Universe

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



A6175F



D9006D



17A6A4



544C50



94004A



14000A



# Previews

## White Background



This preview shows how the Hex color A6175F looks on a white background.

## Color Contrast Check

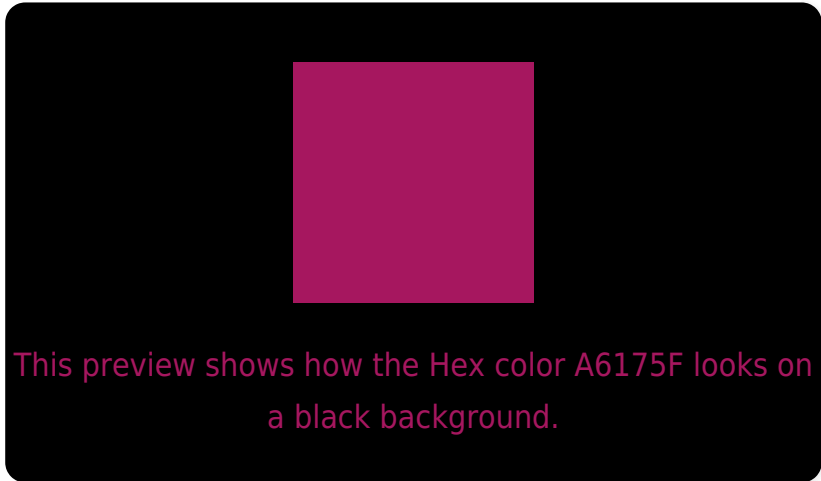
Large Text (above 18pt) WCAG AA ✓ Pass

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 A6175F Background



This preview shows how black text looks on a background with the Hex color A6175F.



This preview shows how white text looks on a background with the Hex color A6175F.

# 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**  
A6175F

**Protanopia**  
495785

**Deuteranopia**  
615658



# Trichromacy



**Original Color**  
A6175F

**Protanomaly**  
6B4077

**Deuteranomaly**  
7A3F5B

**Tritanomaly**  
A4233F

# Monochromacy



**Original Color**  
A6175F

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
6B3752

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6175F 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 #A6175F looks like.

```
.text, #text, p{  
    color:#A6175F  
}
```

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 #A6175F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6175F
}
```

## Border

The CSS property to change the border of an element to Hex A6175F is called "border". The border property can be set on classes, ids or directly on the HTML element.

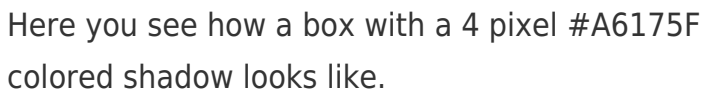
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6175F }
```

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

```
.border{ border-color:#A6175F }
```

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



Here you see how a box with a 4 pixel `#A6175F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6175F; -webkit-box-shadow:4px 4px  
4px 4px #A6175F; box-shadow:4px 4px 4px  
4px #A6175F }
```

# Background

The CSS property to change the background color of an element to Hex A6175F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6175F }
```

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

```
.background{ background-color:#A6175F }
```

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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