

# Converting Colors

Hex(AF355F)

Have a look what the booklet for  
Hex(AF355F) contains.

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# Color

**Hex(AF355F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF355F
RGB	175, 53, 95
RGB Percent	69%, 21%, 37%
CMY	0.3137, 0.7922, 0.6275
CMYK	0.00, 0.70, 0.46, 0.31
HSL	339°, 54%, 45%
HSV	339°, 70%, 69%
XYZ	21.0179, 12.4864, 12.1288
YIQ	94.2660, 59.2300, 38.9260

# Conversions

## Conversions Part 2

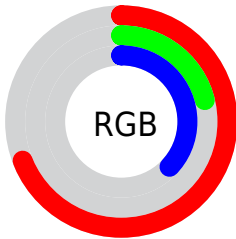
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 53, 95
Decimal	11482463
CIE Lab	41.98, 52.45, 3.73
CIE LCh	42, 52.580, 4.071
Yxy	12.4864, 0.4606, 0.2736
Android (android.graphics.Color)	4289672543 (0xFFAF355F)
YUV	94.2660, 0.3619, 70.8037
Hunter-Lab	35.3361, 44.3334, 4.3845

# Details

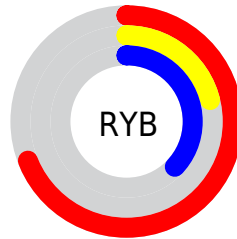
The Hex color **AF355F** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **35AF85**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **EB6C91**, and **750031** is the 20% darker color. If you saturate the color by 10%, you get **AF2454**, and if you desaturate by 10%, it is **AF476A**.

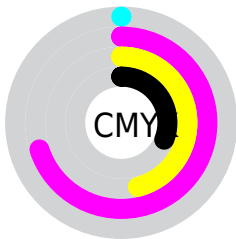
# Distribution



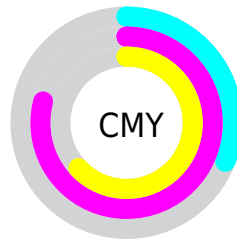
- Red (69%)
- Green (21%)
- Blue (37%)



- Red (69%)
- Yellow (21%)
- Blue (37%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (31%)



- Cyan (31%)
- Magenta (79%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF355F 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 AF355F by changing the saturation by 10% instead.



 AF355F

 AF355F

FFFFFF

 921447

 EB6C91

 750031

 FF87AC

 59001D

 FFA3C7

 400002

 FFBFE3

 200001

 FFDCCF

 000000

 FFFAFF

 AF355F

 AF355F

 AF2454

 AF476A

 AF1248

 AF5876

 AF013D

 AF6A81

 AF003C

 AF7B8D

 AF8D98

 AF9EA4

 AFB0AF

 AFC1BB

 AFD3C6

# Harmonies

## Analogous

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



9B408A



AF355F



AB3F35

# Triad

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



AF355F



456E0F



0071B1

# Complementary

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



AF355F



35AF85

# 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.



007693



AF355F



00743B

# Square

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



AF355F



726300



007768



0066BA

# Rectangle

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



AF355F



9E4C1B



007768



0074A9



# Sweetspot

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



AF355F



E3B3C4



8435AF



735660



F2F2F2



737373



# Same Dimension

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



AF355F



E32466



AF4735



574E51



960034



170008



# Inverse Universe

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



AF355F



E32466



359DAF



574E51



960034



170008



# Previews

## White Background



This preview shows how the Hex color AF355F looks on a white background.

## Color Contrast Check

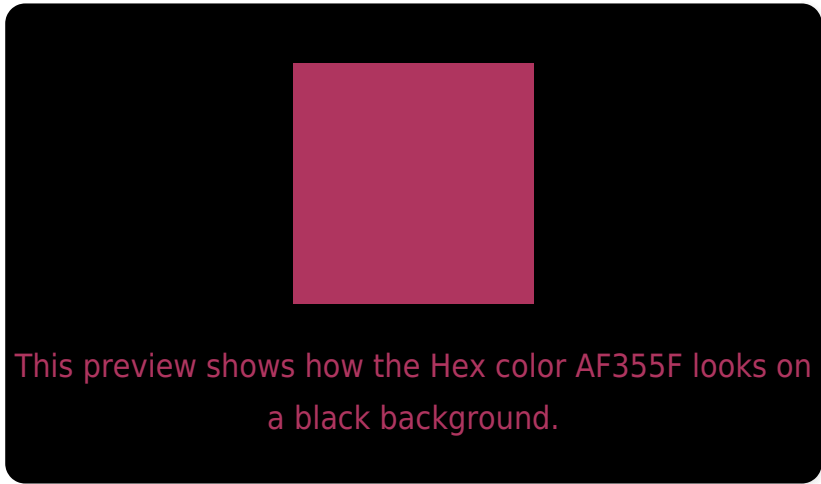
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF355F Background



This preview shows how black text looks on a background with the Hex color AF355F.



This preview shows how white text looks on a background with the Hex color AF355F.

# 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



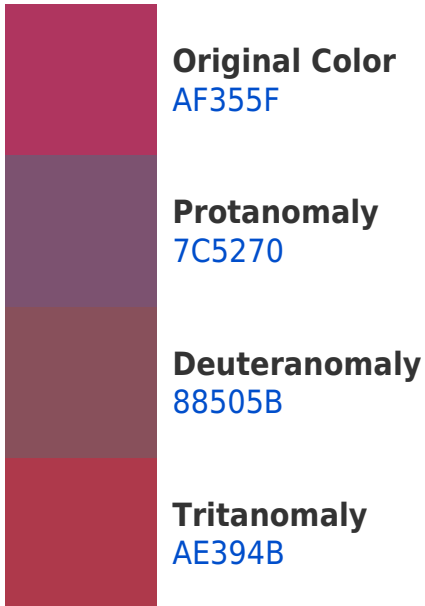
**Original Color**  
AF355F

**Protanopia**  
5F637A

**Deuteranopia**  
726059



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF355F 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 #AF355F looks like.

```
.text, #text, p{  
    color:#AF355F  
}
```

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 #AF355F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF355F
}
```

## Border

The CSS property to change the border of an element to Hex AF355F is called "border". The border property can be set on classes, ids or directly on the HTML element.

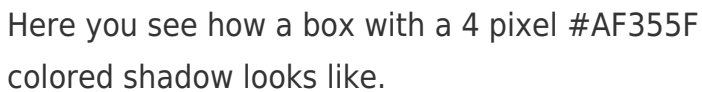
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AF355F }
```

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

```
.border{ border-color:#AF355F }
```

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



Here you see how a box with a 4 pixel `#AF355F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF355F; -webkit-box-shadow:4px 4px  
4px 4px #AF355F; box-shadow:4px 4px 4px  
4px #AF355F }
```

# Background

The CSS property to change the background color of an element to Hex AF355F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF355F }
```

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

```
.background{ background-color:#AF355F }
```

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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