

# Converting Colors

Hex(AF165E)

Have a look what the booklet for  
Hex(AF165E) contains.

<b>Hex(AF165E)</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(AF165E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF165E
RGB	175, 22, 94
RGB Percent	69%, 9%, 37%
CMY	0.3137, 0.9137, 0.6314
CMYK	0.00, 0.87, 0.46, 0.31
HSL	332°, 78%, 39%
HSV	332°, 87%, 69%
XYZ	19.9865, 10.4959, 11.5622
YIQ	75.9550, 68.0760, 54.8280

# Conversions

## Conversions Part 2

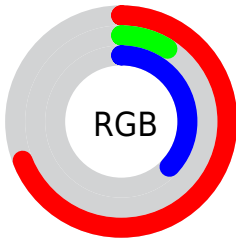
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 22, 94
Decimal	11474526
CIE <sub>Lab</sub>	38.72, 61.47, -0.37
CIE <sub>LCh</sub>	39, 61.475, 359.658
Yxy	10.4959, 0.4754, 0.2496
Android (android.graphics.Color)	4289664606 (0xFFAF165E)
YUV	75.9550, 8.8962, 86.8625
Hunter-Lab	32.3974, 53.4240, 1.5184

# Details

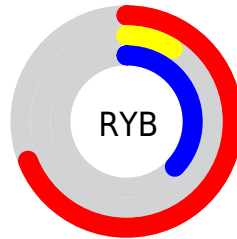
The Hex color **AF165E** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **16AF67**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **EB5890**, and **740030** is the 20% darker color. If you saturate the color by 10%, you get **AF0555**, and if you desaturate by 10%, it is **AF2867**.

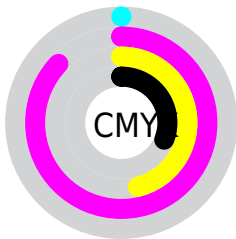
# Distribution



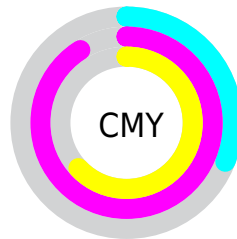
- Red (69%)
- Green (9%)
- Blue (37%)



- Red (69%)
- Yellow (9%)
- Blue (37%)



- Cyan (0%)
- Magenta (87%)
- Yellow (46%)
- Black (31%)



- Cyan (31%)
- Magenta (91%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF165E 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 AF165E by changing the saturation by 10% instead.



 AF165E

 AF165E

FFFFFF

 910047

 EB5890

 740030

 FF75AB

 58001C

 FF91C6

 3E0003

 FFADE2

 1A0001

 FFCAFE

 000000

 FFE8FF

 AF165E

 AF165E

 AF0555

 AF2867

■ AF0052

■ AF3971

■ AF4B7A

■ AF5C83

■ AF6E8C

■ AF7F96

■ AF919F

■ AFA2A8

■ AFB4B1

# Harmonies

## Analogous

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



95318E



AF165E



AD272D

# Triad

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



AF165E



3E6600



006DB2

# Complementary

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



AF165E



16AF67

# 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.



00708C



AF165E



006D24

# Square

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



AF165E



705900



007059



0062C0

# Rectangle

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



AF165E



9F3B09



007059



006EA7



# Sweetspot

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



AF165E



E3A8C4



6516AF



734F60



F2F2F2



737373



# Same Dimension

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



AF165E



E3006B



AF1916



574E52



960047



17000B



# Inverse Universe

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



AF165E



E3006B



16ACAF



574E52



960047



17000B



# Previews

## White Background



This preview shows how the Hex color AF165E looks on a white background.

## Color Contrast Check

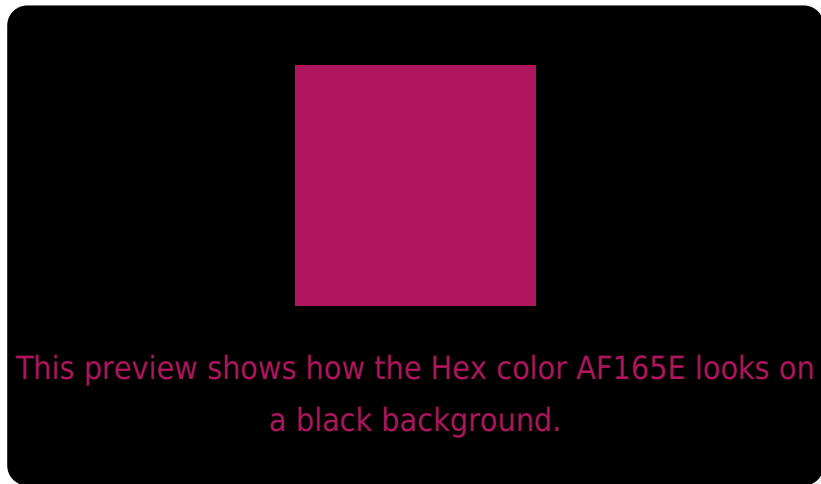
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF165E Background



This preview shows how black text looks on a background with the Hex color AF165E.



This preview shows how white text looks on a background with the Hex color AF165E.

# Color Blindness Simulation

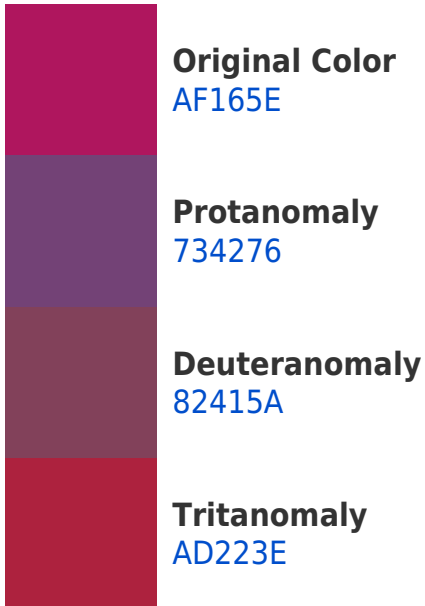
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

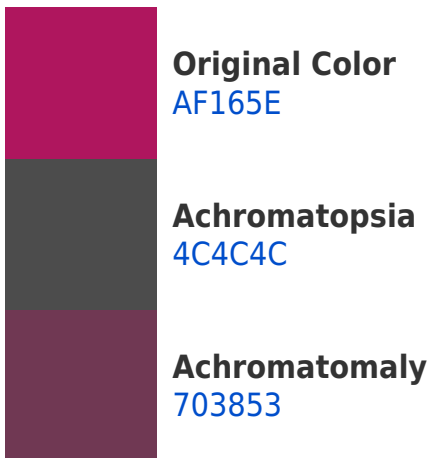




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF165E 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 #AF165E looks like.

```
.text, #text, p{  
    color:#AF165E  
}
```

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 #AF165E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF165E
}
```

## Border

The CSS property to change the border of an element to Hex AF165E 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
#AF165E }
```

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

```
.border{ border-color:#AF165E }
```

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

Here you see how a box with a 4 pixel #AF165E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF165E; -webkit-box-shadow:4px 4px  
4px 4px #AF165E; box-shadow:4px 4px 4px  
4px #AF165E }
```

# Background

The CSS property to change the background color of an element to Hex AF165E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF165E }
```

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

```
.background{ background-color:#AF165E }
```

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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