

# Converting Colors

Hex(AE5190)

Have a look what the booklet for  
Hex(AE5190) contains.

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# Color

**Hex(AE5190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE5190
RGB	174, 81, 144
RGB Percent	68%, 32%, 56%
CMY	0.3176, 0.6824, 0.4353
CMYK	0.00, 0.53, 0.17, 0.32
HSL	319°, 36%, 50%
HSV	319°, 53%, 68%
XYZ	25.4320, 16.8971, 28.3066
YIQ	115.9890, 35.2050, 39.3090

# Conversions

## Conversions Part 2

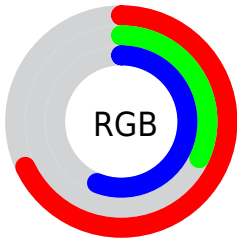
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 81, 144
Decimal	11424144
CIELab	48.13, 45.77, -17.08
CIElCh	48, 48.853, 339.540
Yxy	16.8971, 0.3600, 0.2392
Android (android.graphics.Color)	4289614224 (0xFFAE5190)
YUV	115.9890, 13.8094, 50.8756
Hunter-Lab	41.1061, 38.5007, -12.0541

# Details

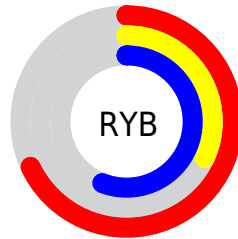
The Hex color **AE5190** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **51AE6F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **E786C6**, and **771B5D** is the 20% darker color. If you saturate the color by 10%, you get **AE408A**, and if you desaturate by 10%, it is **AE6296**.

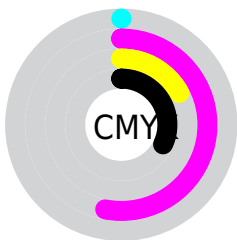
# Distribution



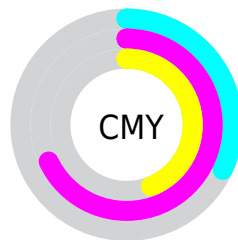
- Red (68%)
- Green (32%)
- Blue (56%)



- Red (68%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (53%)
- Yellow (17%)
- Black (32%)



- Cyan (32%)
- Magenta (68%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE5190 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 AE5190 by changing the saturation by 10% instead.



 AE5190

 AE5190

FFFFFF

 923776

 E786C6

 771B5D

 FFA1E2

 5C0046

 FFBDFE

 42002F

 FFD9FF

 2C001B

 FFF6FF

 000000

 AE5190

 AE5190

 AE408A

 AE6296

 AE2E85

 AE749B

 AE1D7F

 AE85A1

 AE0B7A

 AE97A6

 AE0076

 AEA8AC

 AEB9B2

 AECBB7

 AEDCBD

 AEEEC3

# Harmonies

## Analogous

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



8562B2



AE5190



BD4B67

# Triad

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



AE5190



7C7417



0085A6

# Complementary

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



AE5190



51AE6F

# 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.



00867F



AE5190



4F7E2E

# Square

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



AE5190



9F6621



008454



007EBF

# Rectangle

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



AE5190



BB514C



008454



00859A



# Sweetspot

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



AE5190



E3BFD7



6E51AE



735D6C



F2F2F2



737373



# Same Dimension

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



AE5190



E352B4



AE5162



574E54



960066



170010



# Inverse Universe

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



AE5190



E352B4



51AE9D



574E54



960066



170010



# Previews

## White Background



This preview shows how the Hex color AE5190 looks on a white background.

## Color Contrast Check

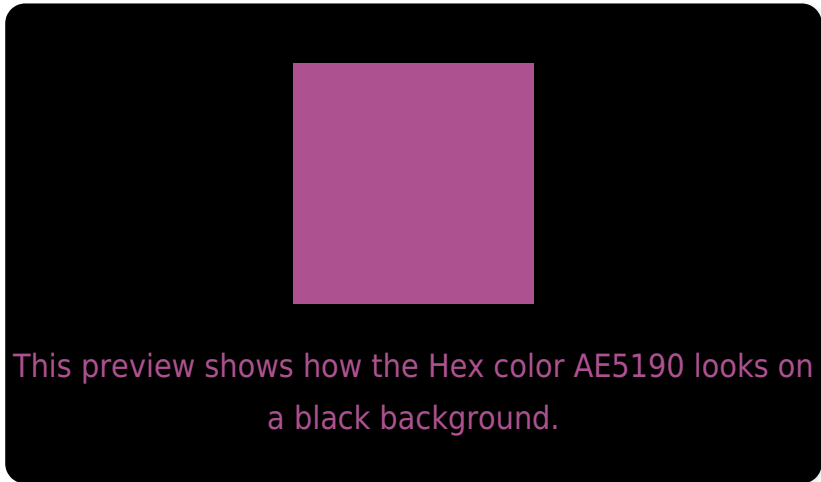
Large Text (above 18pt) WCAG AA ✓ Pass

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

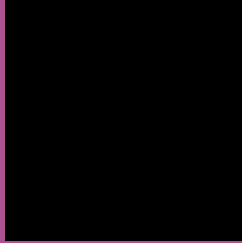
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex AE5190 Background



This preview shows how black text looks on a background with the Hex color AE5190.

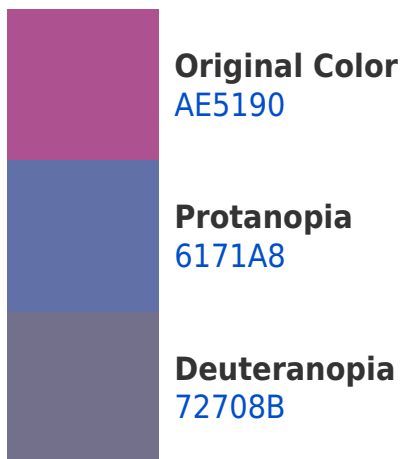


This preview shows how white text looks on a background with the Hex color AE5190.

# 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](#).

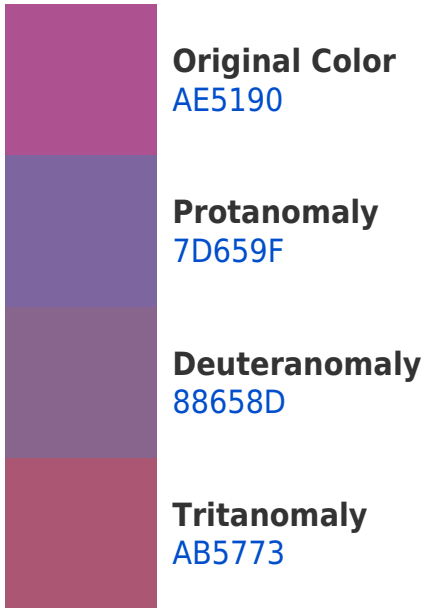
## Dichromacy





**Tritanopia**  
A95B62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE5190 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 #AE5190 looks like.

```
.text, #text, p{  
    color:#AE5190  
}
```

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 #AE5190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE5190
}
```

## Border

The CSS property to change the border of an element to Hex AE5190 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
#AE5190 }
```

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

```
.border{ border-color:#AE5190 }
```

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

Here you see how a box with a 4 pixel #AE5190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE5190; -webkit-box-shadow:4px 4px  
4px 4px #AE5190; box-shadow:4px 4px 4px  
4px #AE5190 }
```

# Background

The CSS property to change the background color of an element to Hex AE5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE5190 }
```

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

```
.background{ background-color:#AE5190 }
```

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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