

# Converting Colors

Hex(AE6196)

Have a look what the booklet for  
Hex(AE6196) contains.

**Hex(AE6196)** ..... 3

***Conversions*** ..... 4

***Details*** ..... 6

***Harmonies*** ..... 11

***Previews*** ..... 23

***Color Blindness Simulation*** ..... 26

***CSS Examples*** ..... 29

# Color

**Hex(AE6196)**

# Conversions

Conversions Part 1	
Format	Color
Hex	AE6196
RGB	174, 97, 150
RGB Percent	68%, 38%, 59%
CMY	0.3176, 0.6196, 0.4118
CMYK	0.00, 0.44, 0.14, 0.32
HSL	319°, 32%, 53%
HSV	319°, 44%, 68%
XYZ	27.2353, 19.7501, 31.2308
YIQ	126.0650, 28.8790, 32.8070

# Conversions

## Conversions Part 2

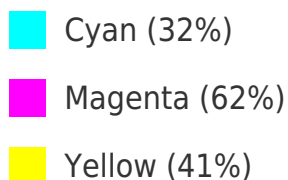
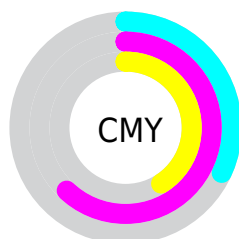
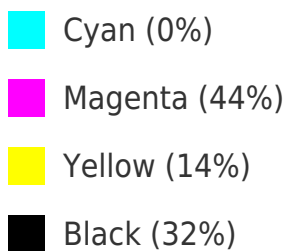
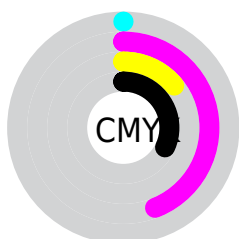
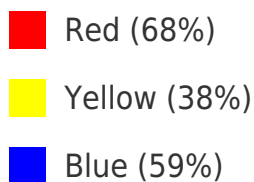
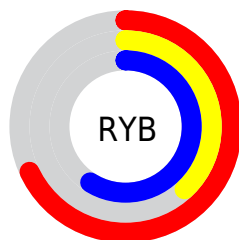
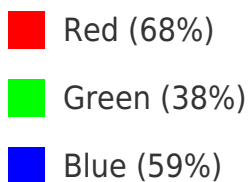
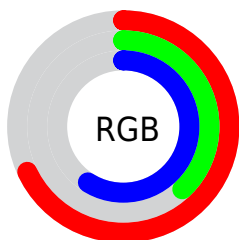
Format	Color
<a href="#">RYB</a>	<a href="#">174, 97, 150</a>
Decimal	<a href="#">11428246</a>
CIELab	<a href="#">51.55, 38.46, -15.43</a>
CIELCh	<a href="#">52, 41.436, 338.143</a>
Yxy	<a href="#">19.7501, 0.3482, 0.2525</a>
Android (android.graphics.Color)	<a href="#">4289618326</a> (0xFFAE6196)
YUV	<a href="#">126.0650, 11.8000, 42.0390</a>
Hunter-Lab	<a href="#">44.4410, 31.6202, -10.5572</a>

# Details

The Hex color **AE6196** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **61AE79**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **E796CC**, and **782F63** is the 20% darker color. If you saturate the color by 10%, you get **AE5091**, and if you desaturate by 10%, it is **AE729B**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color AE6196 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 AE6196 by changing the saturation by 10% instead.

 AE6196

 AE6196

FFFFFF

 93487C

 E796CC

 782F63

 FFB1E8

 5E154B

 FFCDFE

 440034

 FFE9FF

 2E001F

 040002

 000000

 AE6196

 AE6196

 AE5091

 AE729B

 AE3E8B

 AE84A1

 AE2D86

 AE95A6

 AE1B80

 AEA7AC

 AE0A7B

 AEB8B1

 AE0078

 AEC9B7

 AEDBBC

 AEECC1

 AEFEC7

# Harmonies

## Analogous

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



8A6EB3



AE6196



BD5C73

# Triad

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



AE6196



867C32



008BA6

# Complementary

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



AE6196



61AE79

# 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.



008D84



AE6196



608541

# Square

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



AE6196



A57038



2B8B5F



0086BC

# Rectangle

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



AE6196



BC605B



2B8B5F



008C9B

# Sweetspot

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



AE6196



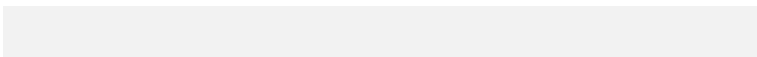
E3C5DA



7861AE



73606D



F2F2F2



737373



# Same Dimension

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



AE6196



E36BBD



AE6170



574E54



960068



170010



# Inverse Universe

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



AE6196



E36BBD



61AE9F



574E54



960068

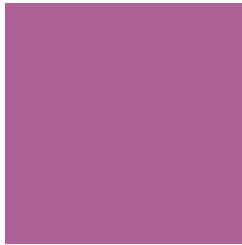


170010



# Previews

## White Background



This preview shows how the Hex color AE6196 looks on a white background.

## Color Contrast Check

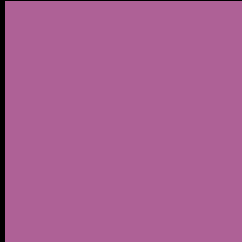
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color AE6196 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

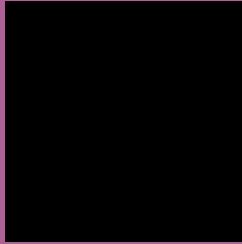
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

## Hex AE6196 Background



This preview shows how black text looks on a background with the Hex color AE6196.



This preview shows how white text looks on a background with the Hex color AE6196.

# 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**

[AE6196](#)

**Protanopia**

[6E7AA8](#)

**Deuteranopia**

[7C7892](#)



**Tritanopia**  
AA6970

# Trichromacy



**Original Color**

AE6196



**Protanomaly**

8571A1



**Deuteranomaly**

8E7093



**Tritanomaly**

AB667E

# Monochromacy



**Original Color**

AE6196



**Achromatopsia**

7E7E7E



**Achromatomaly**

8F7387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE6196 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 #AE6196 looks like.

```
.text, #text, p{  
    color:#AE6196  
}
```

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 #AE6196 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE6196
}
```

## Border

The CSS property to change the border of an element to Hex AE6196 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
#AE6196 }
```

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

```
.border{ border-color:#AE6196 }
```

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

Here you see how a box with a 4 pixel #AE6196 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE6196; -webkit-box-shadow:4px 4px  
4px 4px #AE6196; box-shadow:4px 4px 4px  
4px #AE6196 }
```

# Background

The CSS property to change the background color of an element to Hex AE6196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE6196 }
```

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

```
.background{ background-color:#AE6196 }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor