

# Converting Colors

Hex(A3636D)

Have a look what the booklet for  
Hex(A3636D) contains.

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# Color

**Hex(A3636D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3636D
RGB	163, 99, 109
RGB Percent	64%, 39%, 43%
CMY	0.3608, 0.6118, 0.5725
CMYK	0.00, 0.39, 0.33, 0.36
HSL	351°, 26%, 51%
HSV	351°, 39%, 64%
XYZ	22.3264, 17.8143, 16.7298
YIQ	119.2760, 34.9340, 16.6780

# Conversions

## Conversions Part 2

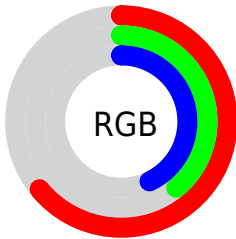
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 99, 109
Decimal	10707821
CIE Lab	49.27, 27.17, 5.41
CIE LCh	49, 27.703, 11.270
Yxy	17.8143, 0.3926, 0.3132
Android (android.graphics.Color)	4288897901 (0xFFA3636D)
YUV	119.2760, -5.0661, 38.3459
Hunter-Lab	42.2070, 20.5595, 6.0439

# Details

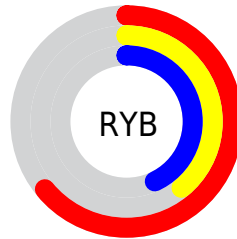
The Hex color **A3636D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63A399**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DB97A0**, and **6D333E** is the 20% darker color. If you saturate the color by 10%, you get **A3535F**, and if you desaturate by 10%, it is **A3737B**.

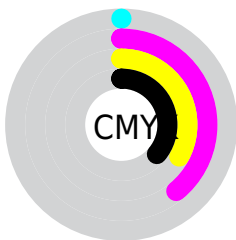
# Distribution



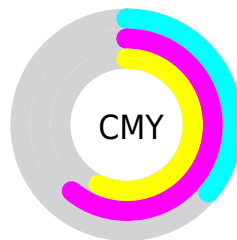
- Red (64%)
- Green (39%)
- Blue (43%)



- Red (64%)
- Yellow (39%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (61%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3636D 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 A3636D by changing the saturation by 10% instead.



 A3636D

 A3636D

FFFFFF

 884A55

 DB97A0

 6D333E

 F9B2BB

 531C28

 FFCDD7

 3A0414

 FFEAF3

 260001

 000000

 A3636D

 A3636D

 A3535F

 A3737B

 A34251

 A38489

 A33244

 A39496

 A32236

 A3A4A4

 A31228

 A3B4B2

 A3011A

 A3C5C0

 A30019

 A3D5CD

 A3E5DB

 A3F6E9

# Harmonies

## Analogous

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



9A6585



A3636D



9F6757

# Triad

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



A3636D



627D51



3B7CA1

# Complementary

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



A3636D



63A399

# 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.



198093



A3636D



458165

# Square

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



A3636D



7C7746



26827D



6274A3

# Rectangle

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



A3636D



976C4D



26827D



2D7D9E



# Sweetspot

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



A3636D



D4BABE



9863A3



6B5C5E



EBEBEB



6B6B6B



# Same Dimension

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



A3636D



D47080



A37863



52494B



910017



120003



# Inverse Universe

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



A3636D



D47080



638EA3



52494B



910017

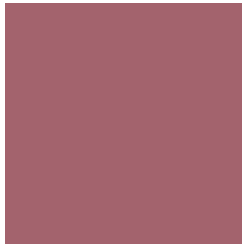


120003



# Previews

## White Background



This preview shows how the Hex color A3636D looks on a white background.

## Color Contrast Check

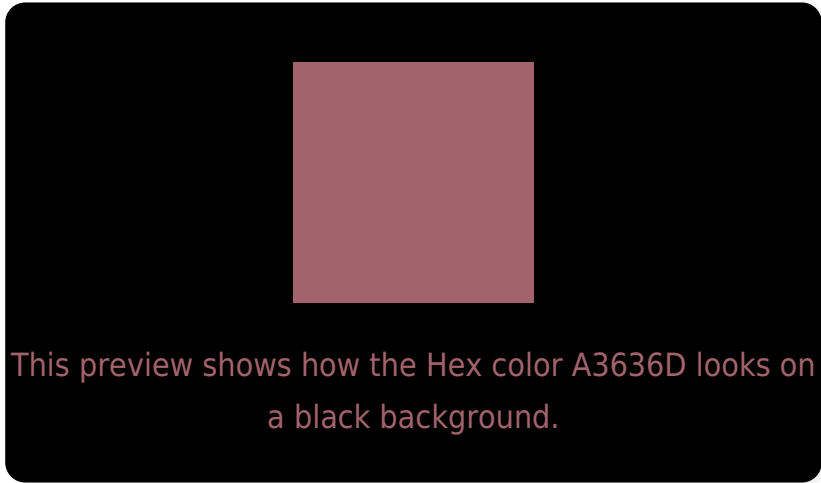
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

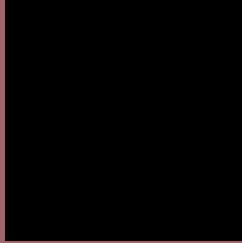
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A3636D Background



This preview shows how black text looks on a background with the Hex color A3636D.



This preview shows how white text looks on a background with the Hex color A3636D.

# 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**  
A3636D

**Protanopia**  
777577

**Deuteranopia**  
85716A



**Tritanopia**  
A3636B

# Trichromacy



**Original Color**  
A3636D

**Protanomaly**  
876E73

**Deuteranomaly**  
906C6B

**Tritanomaly**  
A3636C

# Monochromacy



**Original Color**  
A3636D

**Achromatopsia**  
777777

**Achromatomaly**  
877073

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3636D 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 #A3636D looks like.

```
.text, #text, p{  
    color:#A3636D  
}
```

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 #A3636D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3636D
}
```

## Border

The CSS property to change the border of an element to Hex A3636D 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
#A3636D }
```

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

```
.border{ border-color:#A3636D }
```

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

Here you see how a box with a 4 pixel #A3636D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3636D; -webkit-box-shadow:4px 4px  
4px 4px #A3636D; box-shadow:4px 4px 4px  
4px #A3636D }
```

# Background

The CSS property to change the background color of an element to Hex A3636D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3636D }
```

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

```
.background{ background-color:#A3636D }
```

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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