

# Converting Colors

Hex(A05168)

Have a look what the booklet for  
Hex(A05168) contains.

<b>Hex(A05168)</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(A05168)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A05168
RGB	160, 81, 104
RGB Percent	63%, 32%, 41%
CMY	0.3725, 0.6824, 0.5922
CMYK	0.00, 0.49, 0.35, 0.37
HSL	343°, 33%, 47%
HSV	343°, 49%, 63%
XYZ	19.9383, 14.3579, 14.8172
YIQ	107.2430, 39.7010, 23.9010

# Conversions

## Conversions Part 2

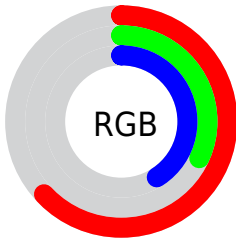
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 81, 104
Decimal	10506600
CIE <sub>Lab</sub>	44.74, 35.27, 1.86
CIE <sub>LCh</sub>	45, 35.319, 3.011
Yxy	14.3579, 0.4060, 0.2923
Android (android.graphics.Color)	4288696680 (0xFFA05168)
YUV	107.2430, -1.5988, 46.2679
Hunter-Lab	37.8918, 27.6143, 3.3396

# Details

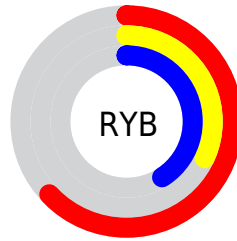
The Hex color **A05168** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51A089**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D9849B**, and **6A1F39** is the 20% darker color. If you saturate the color by 10%, you get **A0415D**, and if you desaturate by 10%, it is **A06173**.

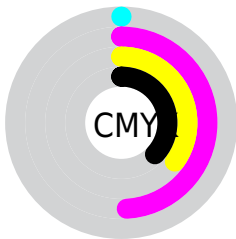
# Distribution



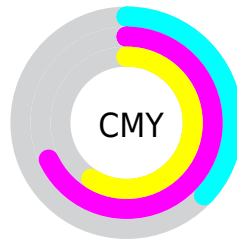
- Red (63%)
- Green (32%)
- Blue (41%)



- Red (63%)
- Yellow (32%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (35%)
- Black (37%)



- Cyan (37%)
- Magenta (68%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A05168 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 A05168 by changing the saturation by 10% instead.



 A05168

 A05168

FFFFFF

 843850

 D9849B

 6A1F39

 F69FB6

 4F0324

 FFBBD1

 36000E

 FFD7EE

 190001

 FFF4FF

 000000

 A05168

 A05168

 A0415D

 A06173

 A03151

 A0717F

 A02146

 A0818A

 A0113B

 A09195

 A0012F

 A0A1A1

 A0002F

 A0B1AC

 A0C1B7

 A0D1C3

 A0E1CE

# Harmonies

## Analogous

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



915685



A05168



9F554B

# Triad

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



A05168



5A7137



00749E

# Complementary

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



A05168



51A089

# 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.



007889



A05168



33774E

# Square

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



A05168



78692D



00796C



3C6CA4

# Rectangle

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



A05168



975B3C



00796C



007698



# Sweetspot

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



A05168



D1B2BB



8851A0



69565B



E8E8E8



696969



# Same Dimension

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



A05168



D1567A



A06151



4F4749



8F002A



0F0004



# Inverse Universe

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



A05168



D1567A



5190A0



4F4749



8F002A

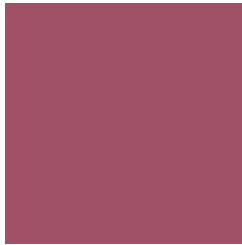


0F0004



# Previews

## White Background



This preview shows how the Hex color A05168 looks on a white background.

## Color Contrast Check

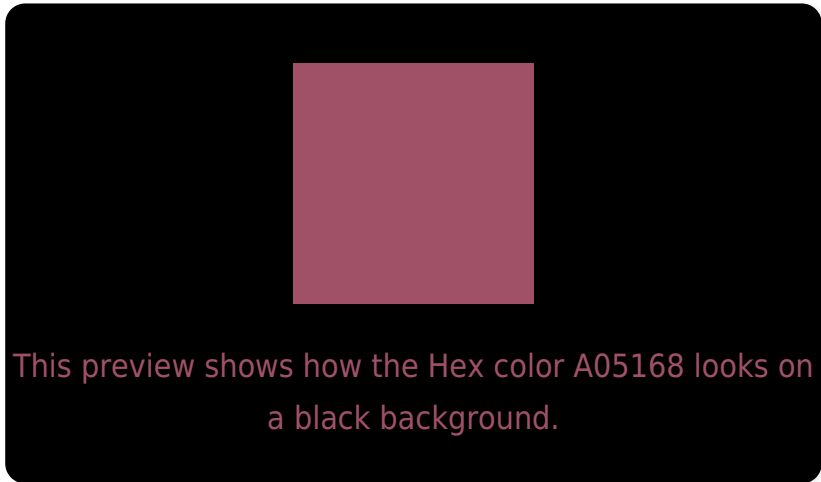
Large Text (above 18pt) WCAG AA ✓ Pass

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

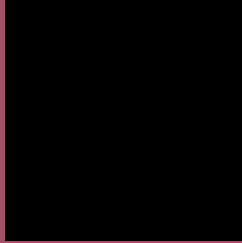
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A05168 Background



This preview shows how black text looks on a background with the Hex color A05168.



This preview shows how white text looks on a background with the Hex color A05168.

# 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**  
A05168

**Protanopia**  
696A77

**Deuteranopia**  
776764



**Tritanopia**  
9F545A

# Trichromacy



**Original Color**  
A05168

**Protanomaly**  
7D6172

**Deuteranomaly**  
865F65

**Tritanomaly**  
9F535F

# Monochromacy



**Original Color**  
A05168

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7E626A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A05168 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 #A05168 looks like.

```
.text, #text, p{  
    color:#A05168  
}
```

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 #A05168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05168
}
```

## Border

The CSS property to change the border of an element to Hex A05168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

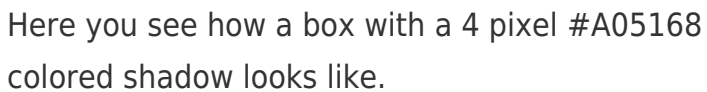
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A05168 }
```

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

```
.border{ border-color:#A05168 }
```

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



Here you see how a box with a 4 pixel #A05168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05168; -webkit-box-shadow:4px 4px  
4px 4px #A05168; box-shadow:4px 4px 4px  
4px #A05168 }
```

# Background

The CSS property to change the background color of an element to Hex A05168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05168 }
```

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

```
.background{ background-color:#A05168 }
```

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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