

# Converting Colors

Hex(A5395D)

Have a look what the booklet for  
Hex(A5395D) contains.

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# Color

**Hex(A5395D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5395D
RGB	165, 57, 93
RGB Percent	65%, 22%, 36%
CMY	0.3529, 0.7765, 0.6353
CMYK	0.00, 0.65, 0.44, 0.35
HSL	340°, 49%, 44%
HSV	340°, 65%, 65%
XYZ	18.9560, 11.7159, 11.6182
YIQ	93.3960, 52.8120, 34.0920

# Conversions

## Conversions Part 2

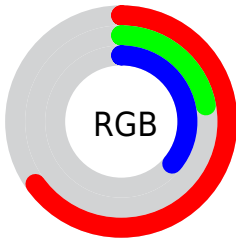
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 57, 93
Decimal	10828125
CIE <sub>Lab</sub>	40.76, 47.47, 3.00
CIE <sub>LCh</sub>	41, 47.563, 3.619
Yxy	11.7159, 0.4482, 0.2770
Android (android.graphics.Color)	4289018205 (0xFFA5395D)
YUV	93.3960, -0.1952, 62.7967
Hunter-Lab	34.2285, 38.9546, 3.8351

# Details

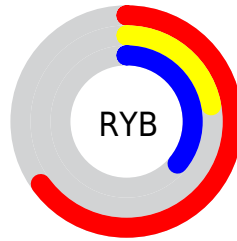
The Hex color **A5395D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **39A581**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **E06E8F**, and **6C002F** is the 20% darker color. If you saturate the color by 10%, you get **A52952**, and if you desaturate by 10%, it is **A54A68**.

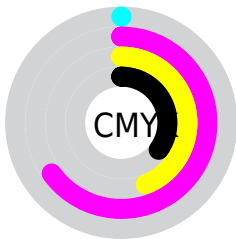
# Distribution



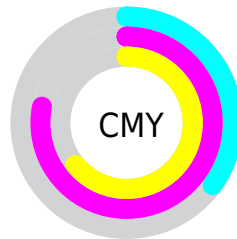
- Red (65%)
- Green (22%)
- Blue (36%)



- Red (65%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (35%)



- Cyan (35%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5395D 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 A5395D by changing the saturation by 10% instead.



 A5395D

 A5395D

FFFFFF

 881C46

 E06E8F

 6C002F

 FE89AA

 51001B

 FFA5C5

 390002

 FFC1E1

 120000

 FFDDFD

 000000

 FFFBFF

 A5395D

 A5395D

 A52952

 A54A68

 A51847

 A55A73

 A5073C

 A56A7E

 A50037

 A57B89

 A58B94

 A59C9F

 A5ACAA

 A5BDB5

 A5CEC0

# Harmonies

## Analogous

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



934283



A5395D



A24137

# Triad

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



A5395D



476A18



006DA6

# Complementary

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



A5395D



39A581

# 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.



00728A



A5395D



00703C

# Square

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



A5395D



6F6002



007264



0063AE

# Rectangle

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



A5395D



964B21



007264



006F9E



# Sweetspot

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



A5395D



D6ABBA



8139A5



6B515A



EBEBEB



6B6B6B



# Same Dimension

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



A5395D



D62D65



A54B39



52494C



910030



120006



# Inverse Universe

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



A5395D



D62D65



3993A5



52494C



910030



120006



# Previews

## White Background



This preview shows how the Hex color A5395D looks on a white background.

## Color Contrast Check

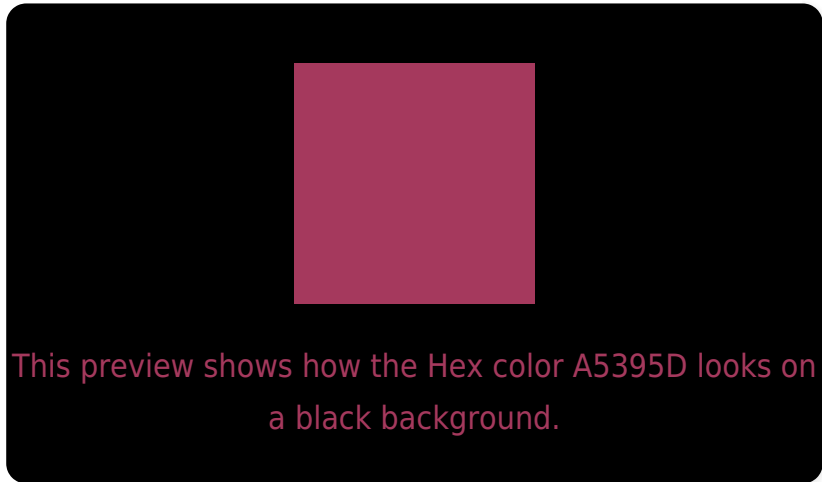
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5395D Background



This preview shows how black text looks on a background with the Hex color A5395D.

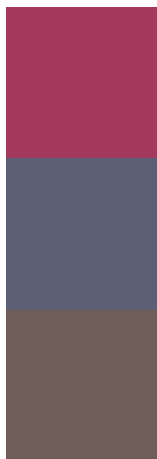


This preview shows how white text looks on a background with the Hex color A5395D.

# 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**  
A5395D

**Protanopia**  
5D6074

**Deuteranopia**  
6E5D58



**Tritanopia**  
A33F43

# Trichromacy



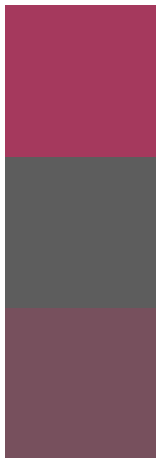
**Original Color**  
A5395D

**Protanomaly**  
77526C

**Deuteranomaly**  
82505A

**Tritanomaly**  
A43D4C

# Monochromacy



**Original Color**  
A5395D

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
77505D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5395D 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 #A5395D looks like.

```
.text, #text, p{  
    color:#A5395D  
}
```

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 #A5395D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5395D }  
}
```

## Border

The CSS property to change the border of an element to Hex A5395D is called "border". The border property can be set on classes, ids or directly on the HTML element.

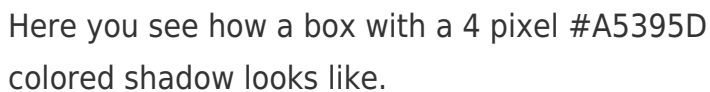
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A5395D }  
}
```

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

```
.border{ border-color:#A5395D }
```

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



Here you see how a box with a 4 pixel `#A5395D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5395D; -webkit-box-shadow:4px 4px  
4px 4px #A5395D; box-shadow:4px 4px 4px  
4px #A5395D }
```

# Background

The CSS property to change the background color of an element to Hex A5395D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5395D }
```

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

```
.background{ background-color:#A5395D }
```

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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