

# Converting Colors

Hex(A5194E)

Have a look what the booklet for  
Hex(A5194E) contains.

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# Color

**Hex(A5194E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5194E
RGB	165, 25, 78
RGB Percent	65%, 10%, 31%
CMY	0.3529, 0.9020, 0.6941
CMYK	0.00, 0.85, 0.53, 0.35
HSL	337°, 74%, 37%
HSV	337°, 85%, 65%
XYZ	17.2398, 9.2447, 8.0835
YIQ	72.9020, 66.4270, 46.1630

# Conversions

## Conversions Part 2

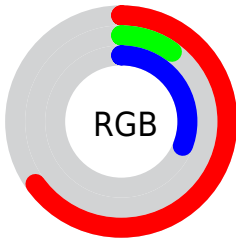
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 25, 78
Decimal	10819918
CIE <sub>Lab</sub>	36.45, 56.95, 6.38
CIE <sub>LCh</sub>	36, 57.305, 6.388
Yxy	9.2447, 0.4987, 0.2674
Android (android.graphics.Color)	4289009998 (0xFFA5194E)
YUV	72.9020, 2.5133, 80.7699
Hunter-Lab	30.4050, 48.0018, 5.5207

# Details

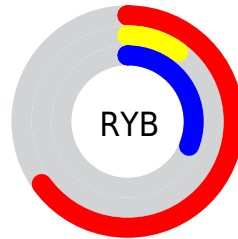
The Hex color **A5194E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **19A570**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **E1577F**, and **6B0022** is the 20% darker color. If you saturate the color by 10%, you get **A50844**, and if you desaturate by 10%, it is **A52A58**.

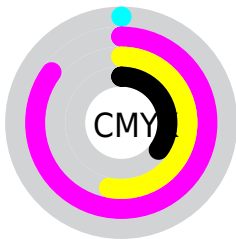
# Distribution



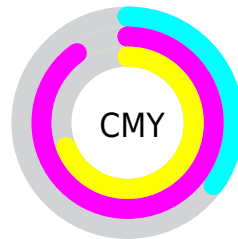
- Red (65%)
- Green (10%)
- Blue (31%)



- Red (65%)
- Yellow (10%)
- Blue (31%)



- Cyan (0%)
- Magenta (85%)
- Yellow (53%)
- Black (35%)



- Cyan (35%)
- Magenta (90%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5194E 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 A5194E by changing the saturation by 10% instead.




 A5194E

 A5194E

FFFFFF

 880037

 E1577F

 6B0022

 FF7399

 4E000C

 FF8FB3

 330002

 FFABCF

 000000

 FFC8EB

 FFE5FF

 A5194E

 A5194E

 A50844

 A52A58

 A5003E

 A53A63

 A54A6D

 A55B77

 A56C81

 A57C8C

 A58C96

 A59DA0

 A5ADAA

# Harmonies

## Analogous

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



93297C



A5194E



9E2D21

# Triad

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



A5194E



2D6200



0064AB

# Complementary

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



A5194E



19A570

# 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.



00698C



A5194E



00672E

# Square

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



A5194E



605700



006A5F



0059B2

# Rectangle

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



A5194E



8F3E00



006A5F



0066A2



# Sweetspot

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



A5194E



D6A1B5



6F19A5



6B4B57



EBEBEB



6B6B6B



# Same Dimension

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



A5194E



D60051



A52919



52494D



910037



120007



# Inverse Universe

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



A5194E



D60051



1995A5



52494D



910037



120007



# Previews

## White Background



This preview shows how the Hex color A5194E looks on a white background.

## Color Contrast Check

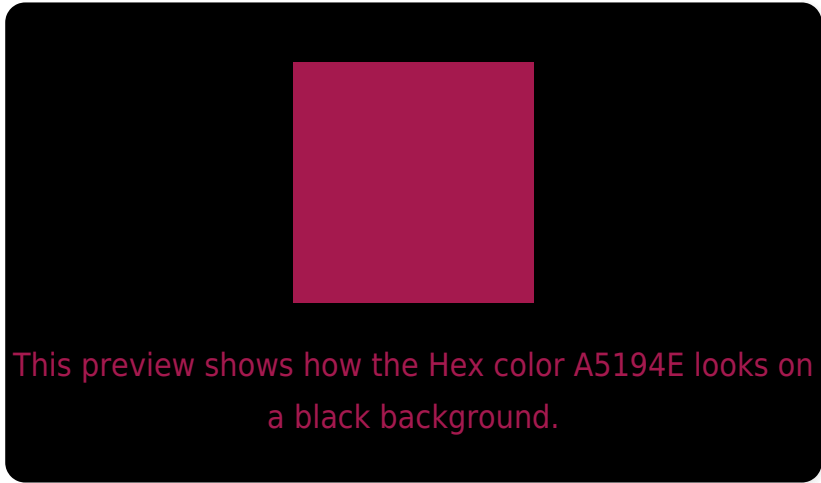
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A5194E Background



This preview shows how black text looks on a background with the Hex color A5194E.



This preview shows how white text looks on a background with the Hex color A5194E.

# 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**  
A5194E

**Protanopia**  
52566D

**Deuteranopia**  
655447



**Tritanopia**  
A32626

# Trichromacy



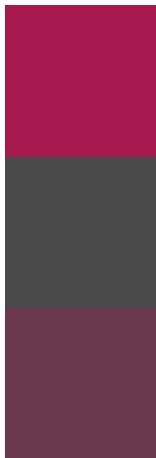
**Original Color**  
A5194E

**Protanomaly**  
704062

**Deuteranomaly**  
7C3F4A

**Tritanomaly**  
A42135

# Monochromacy



**Original Color**  
A5194E

**Achromatopsia**  
494949

**Achromatomaly**  
6A384B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5194E 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 #A5194E looks like.

```
.text, #text, p{  
    color:#A5194E  
}
```

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 #A5194E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5194E
}
```

## Border

The CSS property to change the border of an element to Hex A5194E is called "border". The border property can be set on classes, ids or directly on the HTML element.

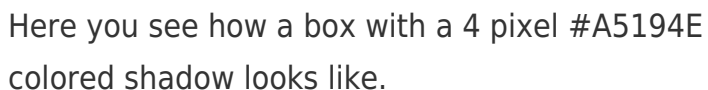
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5194E }
```

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

```
.border{ border-color:#A5194E }
```

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



Here you see how a box with a 4 pixel #A5194E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5194E; -webkit-box-shadow:4px 4px  
4px 4px #A5194E; box-shadow:4px 4px 4px  
4px #A5194E }
```

# Background

The CSS property to change the background color of an element to Hex A5194E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5194E }
```

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

```
.background{ background-color:#A5194E }
```

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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