

# Converting Colors

Hex(A8114E)

Have a look what the booklet for  
Hex(A8114E) contains.

<b>Hex(A8114E)</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(A8114E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8114E
RGB	168, 17, 78
RGB Percent	66%, 7%, 31%
CMY	0.3412, 0.9333, 0.6941
CMYK	0.00, 0.90, 0.54, 0.34
HSL	336°, 82%, 36%
HSV	336°, 90%, 66%
XYZ	17.7240, 9.2758, 8.0640
YIQ	69.1030, 70.4150, 50.9830

# Conversions

## Conversions Part 2

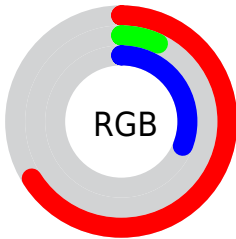
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 17, 78
Decimal	11014478
CIE <sub>Lab</sub>	36.51, 59.32, 6.54
CIE <sub>LCh</sub>	37, 59.681, 6.296
Yxy	9.2758, 0.5055, 0.2645
Android (android.graphics.Color)	4289204558 (0xFFA8114E)
YUV	69.1030, 4.3862, 86.7327
Hunter-Lab	30.4562, 50.5802, 5.6209




# Details

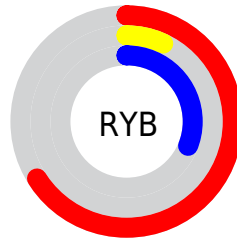
The Hex color **A8114E** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **11A86B**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **E4547F**, and **6D0022** is the 20% darker color. If you saturate the color by 10%, you get **A80044**, and if you desaturate by 10%, it is **A82258**.

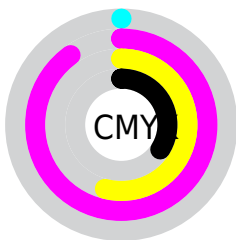
# Distribution







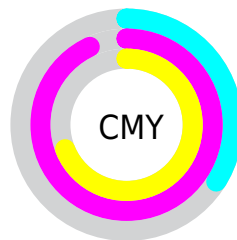
-  Red (66%)
-  Green (7%)
-  Blue (31%)






-  Red (66%)
-  Yellow (7%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (54%)
-  Black (34%)



-  Cyan (34%)
-  Magenta (93%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8114E 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 A8114E by changing the saturation by 10% instead.



 A8114E

 A8114E

FFFFFF

 8A0037

 E4547F

 6D0022

 FF7099

 51000C

 FF8CB3

 350002

 FFA9CF

 030000

 FFC5EB

 000000

 FFE3FF

 A8114E

 A8114E

 A80044

 A82258

 A83362

 A8436C

 A85476

 A86580

 A8768A

 A88794

 A8979E

 A8A8A8

# Harmonies

## Analogous

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



95267D



A8114E



A12A1F

# Triad

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



A8114E



2B6200



0065AE

# Complementary

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



A8114E



11A86B

# 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.



006A8E



A8114E



00682C

# Square

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



A8114E



605700



006A5F



0059B6

# Rectangle

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



A8114E



913C00



006A5F



0067A6



# Sweetspot

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



A8114E



DBA0B8



6911A8



6E4B59



EDEDED



6E6E6E



# Same Dimension

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



A8114E



DB0059



A81E11



544C4F



94003C



140008



# Inverse Universe

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



A8114E



DB0059



119BA8



544C4F



94003C



140008



# Previews

## White Background



This preview shows how the Hex color A8114E looks on a white background.

## Color Contrast Check

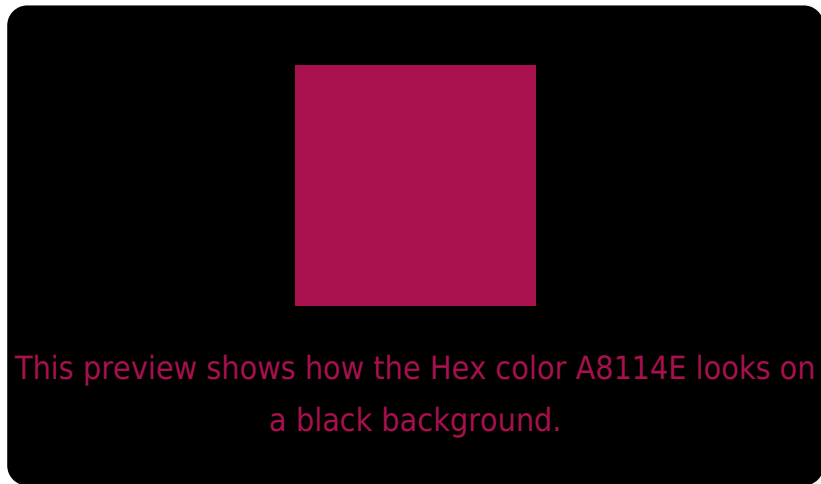
Large Text (above 18pt) WCAG AA ✓ Pass

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 A8114E Background



This preview shows how black text looks on a background with the Hex color A8114E.

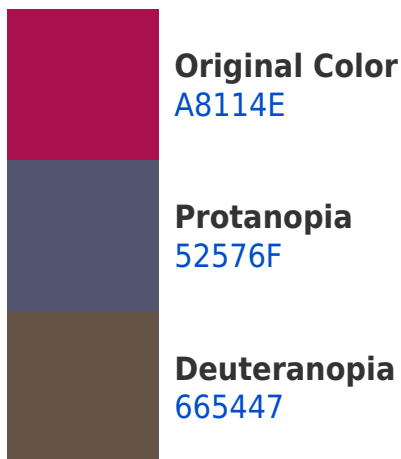


This preview shows how white text looks on a background with the Hex color A8114E.

# 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





# Trichromacy



**Original Color**  
A8114E

**Protanomaly**  
713E63

**Deuteranomaly**  
7E3C4A

**Tritanomaly**  
A71C32

# Monochromacy



**Original Color**  
A8114E

**Achromatopsia**  
454545

**Achromatomaly**  
693248

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8114E 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 #A8114E looks like.

```
.text, #text, p{  
    color:#A8114E  
}
```

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 #A8114E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8114E
}
```

## Border

The CSS property to change the border of an element to Hex A8114E 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
#A8114E }
```

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

```
.border{ border-color:#A8114E }
```

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

Here you see how a box with a 4 pixel #A8114E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8114E; -webkit-box-shadow:4px 4px  
4px 4px #A8114E; box-shadow:4px 4px 4px  
4px #A8114E }
```

# Background

The CSS property to change the background color of an element to Hex A8114E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8114E }
```

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

```
.background{ background-color:#A8114E }
```

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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