

# Converting Colors

Hex(A1334E)

Have a look what the booklet for  
Hex(A1334E) contains.

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# Color

**Hex(A1334E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1334E
RGB	161, 51, 78
RGB Percent	63%, 20%, 31%
CMY	0.3686, 0.8000, 0.6941
CMYK	0.00, 0.68, 0.52, 0.37
HSL	345°, 52%, 42%
HSV	345°, 68%, 63%
XYZ	17.2569, 10.4948, 8.3239
YIQ	86.9680, 56.8930, 31.7170

# Conversions

## Conversions Part 2

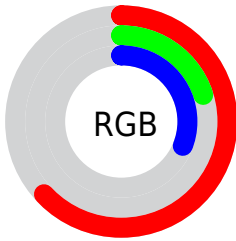
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 51, 78
Decimal	10564430
CIE <sub>Lab</sub>	38.72, 47.28, 9.46
CIE <sub>LCh</sub>	39, 48.216, 11.310
Yxy	10.4948, 0.4784, 0.2909
Android (android.graphics.Color)	4288754510 (0xFFA1334E)
YUV	86.9680, -4.4212, 64.9261
Hunter-Lab	32.3956, 38.3932, 7.4427

# Details

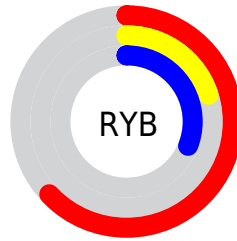
The Hex color **A1334E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **33A186**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **DC687F**, and **680022** is the 20% darker color. If you saturate the color by 10%, you get **A12342**, and if you desaturate by 10%, it is **A1435A**.

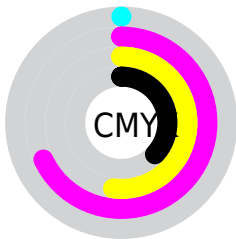
# Distribution



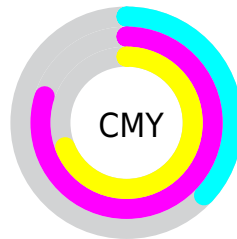
- Red (63%)
- Green (20%)
- Blue (31%)



- Red (63%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (68%)
- Yellow (52%)
- Black (37%)



- Cyan (37%)
- Magenta (80%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1334E 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 A1334E by changing the saturation by 10% instead.



 A1334E

 A1334E

FFFFFF

 841537

 DC687F

 680022

 FA8399

 4C000C

 FF9FB3

 330002

 FFBBCF

 000000

 FFD7EB

 FFF4FF

 A1334E

 A1334E

 A12342

 A1435A

 A11336

 A15366

 A1032A

 A16372

 A10028

 A1737F

 A1848B

 A19497

 A1A4A3

 A1B4AF

 A1C4BB

# Harmonies

## Analogous

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



953875



A1334E



993F29

# Triad

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



A1334E



34671A



0066A5

# Complementary

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



A1334E



33A186

# 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.



006C8E



A1334E



006C41

# Square

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



A1334E



605E00



006D69



195BA8

# Rectangle

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



A1334E



8B4B12



006D69



0069A0



# Sweetspot

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



A1334E



D1A7B2



8533A1



694F56



E8E8E8



696969



# Same Dimension

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



A1334E



D12650



A14E33



52494B



910024



120004



# Inverse Universe

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



A1334E



D12650



3385A1



52494B



910024



120004



# Previews

## White Background



This preview shows how the Hex color A1334E looks on a white background.

## Color Contrast Check

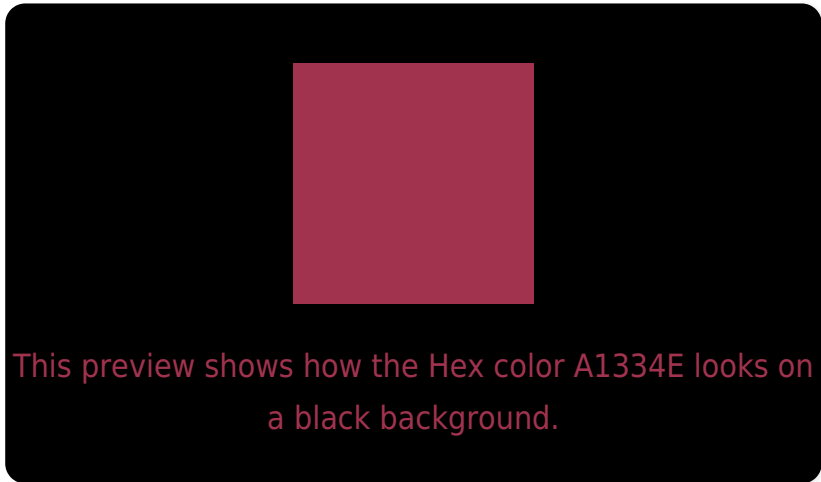
Large Text (above 18pt) WCAG AA ✓ Pass

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 A1334E Background



This preview shows how black text looks on a background with the Hex color A1334E.



This preview shows how white text looks on a background with the Hex color A1334E.

# 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**  
A1334E

**Protanopia**  
5C5C63

**Deuteranopia**  
6C5849



**Tritanopia**  
A0373A

# Trichromacy



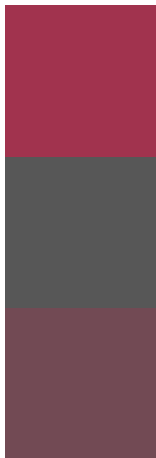
**Original Color**  
A1334E

**Protanomaly**  
754D5B

**Deuteranomaly**  
7F4B4B

**Tritanomaly**  
A03641

# Monochromacy



**Original Color**  
A1334E

**Achromatopsia**  
575757

**Achromatomaly**  
724A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1334E 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 #A1334E looks like.

```
.text, #text, p{  
    color:#A1334E  
}
```

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 #A1334E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1334E
}
```

## Border

The CSS property to change the border of an element to Hex A1334E is called "border". The border property can be set on classes, ids or directly on the HTML element.

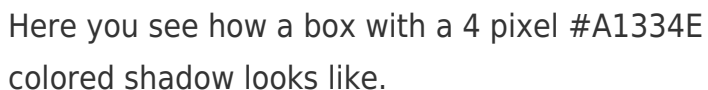
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1334E }
```

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

```
.border{ border-color:#A1334E }
```

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



Here you see how a box with a 4 pixel #A1334E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1334E; -webkit-box-shadow:4px 4px  
4px 4px #A1334E; box-shadow:4px 4px 4px  
4px #A1334E }
```

# Background

The CSS property to change the background color of an element to Hex A1334E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1334E }
```

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

```
.background{ background-color:#A1334E }
```

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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