

# Converting Colors

Hex(AE2354)

Have a look what the booklet for  
Hex(AE2354) contains.

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# Color

**Hex(AE2354)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE2354
RGB	174, 35, 84
RGB Percent	68%, 14%, 33%
CMY	0.3176, 0.8627, 0.6706
CMYK	0.00, 0.80, 0.52, 0.32
HSL	339°, 67%, 41%
HSV	339°, 80%, 68%
XYZ	19.6568, 10.8408, 9.4440
YIQ	82.1470, 67.1150, 44.7070

# Conversions

## Conversions Part 2

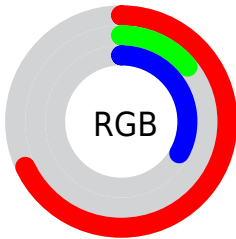
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 35, 84
Decimal	11412308
CIE <sub>Lab</sub>	39.31, 57.27, 6.83
CIE <sub>LCh</sub>	39, 57.681, 6.803
Yxy	10.8408, 0.4921, 0.2714
Android (android.graphics.Color)	4289602388 (0xFFAE2354)
YUV	82.1470, 0.9135, 80.5551
Hunter-Lab	32.9254, 48.9469, 6.0417

# Details

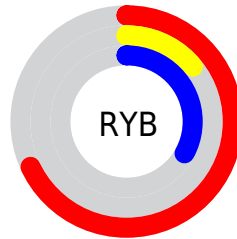
The Hex color **AE2354** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **23AE7D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **EA5F85**, and **730028** is the 20% darker color. If you saturate the color by 10%, you get **AE1249**, and if you desaturate by 10%, it is **AE345F**.

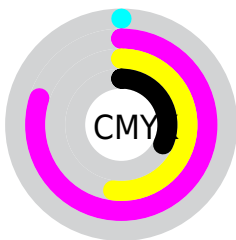
# Distribution



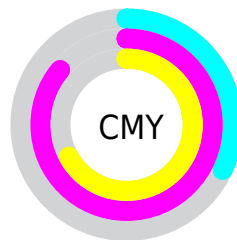
- Red (68%)
- Green (14%)
- Blue (33%)



- Red (68%)
- Yellow (14%)
- Blue (33%)



- Cyan (0%)
- Magenta (80%)
- Yellow (52%)
- Black (32%)



- Cyan (32%)
- Magenta (86%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE2354 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 AE2354 by changing the saturation by 10% instead.



 AE2354

 AE2354

FFFFFF

 90003D

 EA5F85

 730028

 FF7A9F

 570013

 FF96BA

 3D0003

 FFB3D6

 180001

 FFD0F2

 000000

 FFEDFF

 AE2354

 AE2354

 AE1249

 AE345F

 AE003D

 AE466B

 AE5776

 AE6981

 AE7A8C

 AE8B98

 AE9DA3

 AEAEAE

 AEC0B9

# Harmonies

## Analogous

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



9C3183



AE2354



A73427

# Triad

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



AE2354



346900



006BB3

# Complementary

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



AE2354



23AE7D

# 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.



007094



AE2354



006F35

# Square

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



AE2354



675E00



007166



005FBB

# Rectangle

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



AE2354



974504



007166



006EAB



# Sweetspot

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



AE2354



E3ACCO



7B23AE



73515D



F2F2F2



737373



# Same Dimension

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



AE2354



E30956



AE3623



574E51



960035



170008



# Inverse Universe

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



AE2354



E30956



239BAE



574E51



960035



170008



# Previews

## White Background



This preview shows how the Hex color AE2354 looks on a white background.

## Color Contrast Check

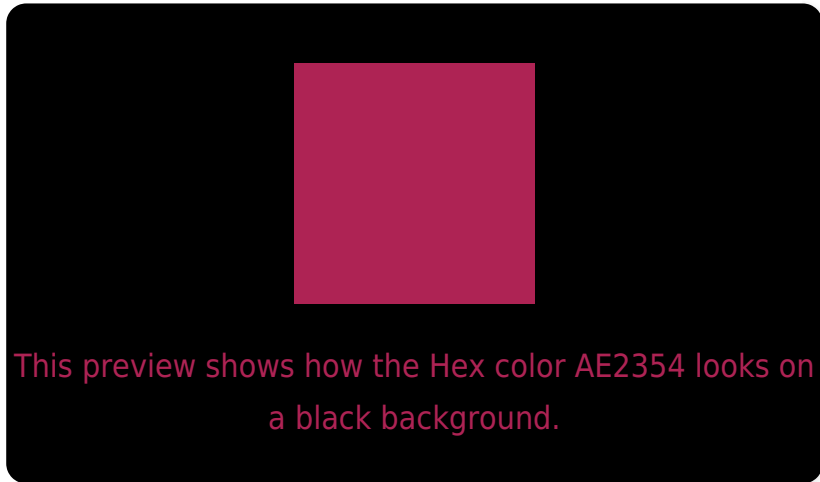
Large Text (above 18pt) WCAG AA ✓ Pass

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 AE2354 Background



This preview shows how black text looks on a background with the Hex color AE2354.



This preview shows how white text looks on a background with the Hex color AE2354.

# 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**  
AE2354

**Protanopia**  
595D73

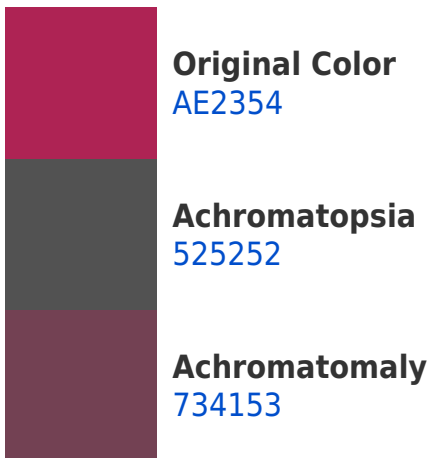
**Deuteranopia**  
6D5A4D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE2354 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 #AE2354 looks like.

```
.text, #text, p{  
    color:#AE2354  
}
```

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 #AE2354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE2354
}
```

## Border

The CSS property to change the border of an element to Hex AE2354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

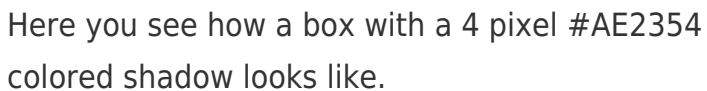
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE2354 }
```

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

```
.border{ border-color:#AE2354 }
```

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



Here you see how a box with a 4 pixel `#AE2354` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE2354; -webkit-box-shadow:4px 4px  
4px 4px #AE2354; box-shadow:4px 4px 4px  
4px #AE2354 }
```

# Background

The CSS property to change the background color of an element to Hex AE2354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE2354 }
```

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

```
.background{ background-color:#AE2354 }
```

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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