

# Converting Colors

Hex(A32E59)

Have a look what the booklet for  
Hex(A32E59) contains.

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# Color

**Hex(A32E59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A32E59
RGB	163, 46, 89
RGB Percent	64%, 18%, 35%
CMY	0.3608, 0.8196, 0.6510
CMYK	0.00, 0.72, 0.45, 0.36
HSL	338°, 56%, 41%
HSV	338°, 72%, 64%
XYZ	17.8844, 10.4618, 10.5279
YIQ	85.8850, 55.9290, 38.1770

# Conversions

## Conversions Part 2

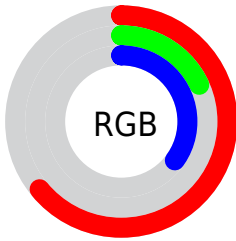
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 46, 89
Decimal	10694233
CIE <sub>Lab</sub>	38.66, 50.92, 2.44
CIE <sub>LCh</sub>	39, 50.976, 2.747
Yxy	10.4618, 0.4601, 0.2691
Android (android.graphics.Color)	4288884313 (0xFFA32E59)
YUV	85.8850, 1.5357, 67.6299
Hunter-Lab	32.3447, 42.0952, 3.3429

# Details

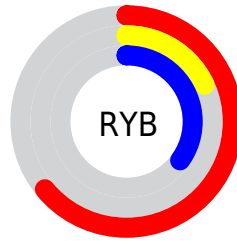
The Hex color **A32E59** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2EA378**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DE658B**, and **6A002C** is the 20% darker color. If you saturate the color by 10%, you get **A31E4F**, and if you desaturate by 10%, it is **A33E63**.

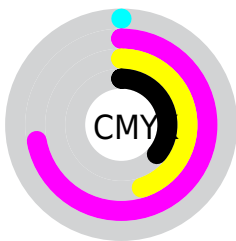
# Distribution



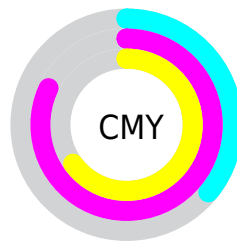
- Red (64%)
- Green (18%)
- Blue (35%)



- Red (64%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (45%)
- Black (36%)



- Cyan (36%)
- Magenta (82%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A32E59 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 A32E59 by changing the saturation by 10% instead.



 A32E59

 A32E59

FFFFFF

 860A42

 DE658B

 6A002C

 FC80A5

 4E0018

 FF9CC0

 360002

 FFB8DC

 050000

 FFD4F8

 000000

 FFF1FF

 A32E59

 A32E59

 A31E4F

 A33E63

 A30D44

 A34F6E

 A3003C

 A35F78

 A36F82

 A37F8D

 A39097

 A3A0A1

 A3B0AB

 A3C1B6

# Harmonies

## Analogous

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



8F3A82



A32E59



A03731

# Triad

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



A32E59



406506



0069A4

# Complementary

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



A32E59



2EA378

# 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.



006D87



A32E59



006B33

# Square

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



A32E59



6B5A00



006E5E



005FAE

# Rectangle

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



A32E59



944418



006E5E



006B9C



# Sweetspot

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



A32E59



D4A5B6



762EA3



6B4F59



EBEBEB



6B6B6B



# Same Dimension

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



A32E59



D41E61



A33C2E



52494C



910035



120007



# Inverse Universe

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



A32E59



D41E61



2E95A3



52494C



910035



120007



# Previews

## White Background



This preview shows how the Hex color A32E59 looks on a white background.

## Color Contrast Check

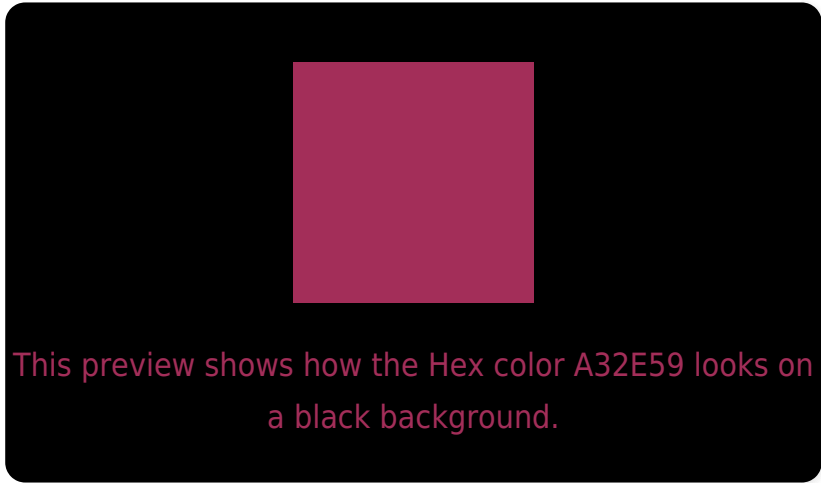
Large Text (above 18pt) WCAG AA ✓ Pass

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

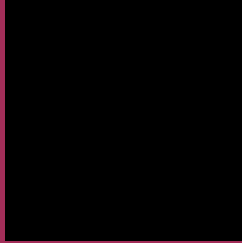
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A32E59 Background



This preview shows how black text looks on a background with the Hex color A32E59.

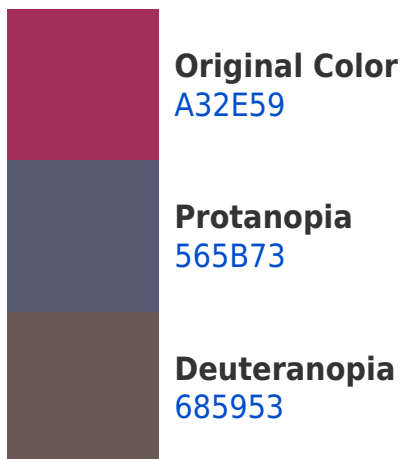



This preview shows how white text looks on a background with the Hex color A32E59.

# 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





**Tritanopia**  
A13639

# Trichromacy



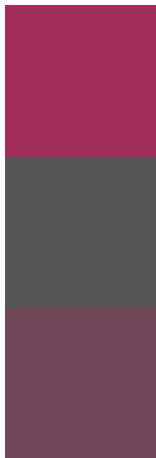
**Original Color**  
A32E59

**Protanomaly**  
724B6A

**Deuteranomaly**  
7D4955

**Tritanomaly**  
A23345

# Monochromacy



**Original Color**  
A32E59

**Achromatopsia**  
565656

**Achromatomaly**  
724757

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A32E59 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 #A32E59 looks like.

```
.text, #text, p{  
    color:#A32E59  
}
```

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 #A32E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32E59
}
```

## Border

The CSS property to change the border of an element to Hex A32E59 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
#A32E59 }
```

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

```
.border{ border-color:#A32E59 }
```

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

Here you see how a box with a 4 pixel #A32E59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32E59; -webkit-box-shadow:4px 4px  
4px 4px #A32E59; box-shadow:4px 4px 4px  
4px #A32E59 }
```

# Background

The CSS property to change the background color of an element to Hex A32E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32E59 }
```

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

```
.background{ background-color:#A32E59 }
```

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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