

Converting Colors

Hex(A33B79)

Have a look what the booklet for
Hex(A33B79) contains.

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Color

Hex(A33B79)

Conversions

Conversions Part 1

Format	Color
Hex	A33B79
RGB	163, 59, 121
RGB Percent	64%, 23%, 47%
CMY	0.3608, 0.7686, 0.5255
CMYK	0.00, 0.64, 0.26, 0.36
HSL	324°, 47%, 44%
HSV	324°, 64%, 64%
XYZ	20.1194, 12.2949, 19.4019
YIQ	97.1640, 42.0820, 41.3300

Conversions

Conversions Part 2

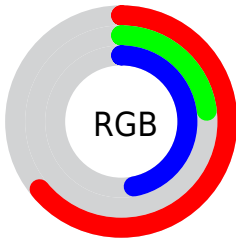
Format	Color
R_{YB}	163, 59, 121
Decimal	10697593
CIE _{Lab}	41.68, 49.36, -13.09
CIE _{LCh}	42, 51.068, 345.143
Yxy	12.2949, 0.3883, 0.2373
Android (android.graphics.Color)	4288887673 (0xFFA33B79)
YUV	97.1640, 11.7511, 57.7382
Hunter-Lab	35.0641, 41.0591, -8.2618

Details

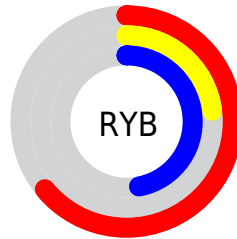
The Hex color **A33B79** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3BA365**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **DD70AD**, and **6C0048** is the 20% darker color. If you saturate the color by 10%, you get **A32B72**, and if you desaturate by 10%, it is **A34B80**.

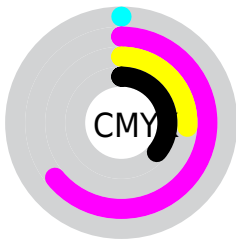
Distribution



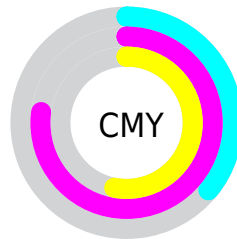
- Red (64%)
- Green (23%)
- Blue (47%)



- Red (64%)
- Yellow (23%)
- Blue (47%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (36%)



- Cyan (36%)
- Magenta (77%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33B79 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 A33B79 by changing the saturation by 10% instead.

 A33B79

 A33B79

FFFFFF

 871E60

 DD70AD

 6C0048

 FA8CC9

 510032

 FFA7E5

 39001D

 FFC3FF

 1B0001

 FFE0FF

 000000

 FFFDFD

 A33B79

 A33B79

 A32B72

 A34B80

 A31A6C

 A35C86

 A30A65

 A36C8D

 A30061

 A37C93

 A38C9A

 A39DA0

 A3ADA7

 A3BDAE

 A3CEB4

Harmonies

Analogous

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



7F4D9E



A33B79



AD384F

Triad

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



A33B79



626700



00749D

Complementary

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



A33B79



3BA365

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.



007677



A33B79



307022

Square

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



A33B79



875902



00744B



006DB4

Rectangle

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



A33B79



A84134



00744B



007592

Sweetspot

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



A33B79



D4ABC3



653BA3



6B5261



EBEBEB



6B6B6B

Same Dimension

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



A33B79



D43192



A33B45



52494E



910057



12000B

Inverse Universe

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



A33B79



D43192



3BA399



52494E



910057



12000B

Previews

White Background



This preview shows how the Hex color A33B79 looks on a white background.

Color Contrast Check

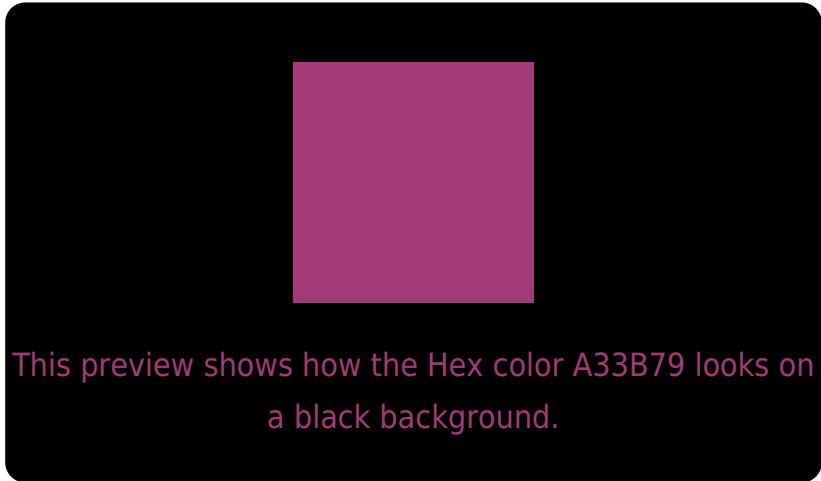
Large Text (above 18pt) WCAG AA ✓ Pass

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

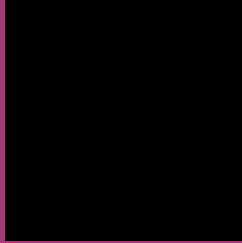
Any Text WCAG AA × Fail

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 A33B79 Background



This preview shows how black text looks on a background with the Hex color A33B79.

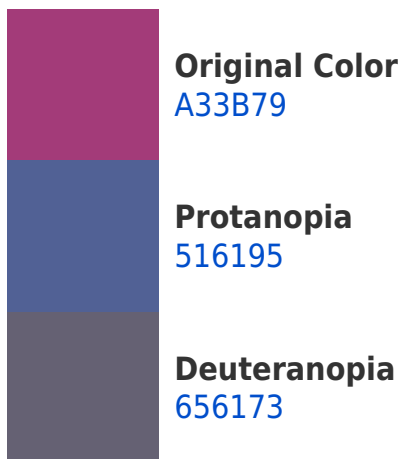


This preview shows how white text looks on a background with the Hex color A33B79.

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](#).

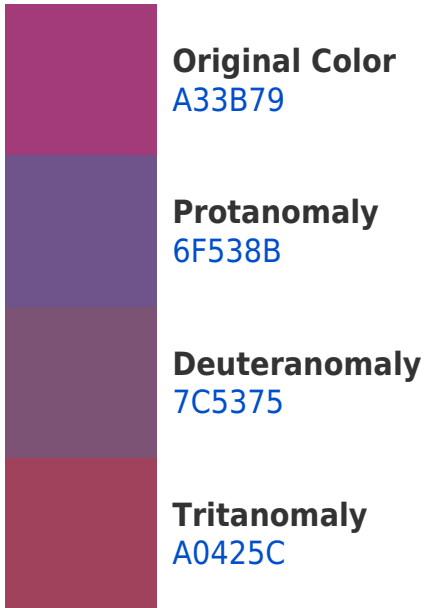
Dichromacy



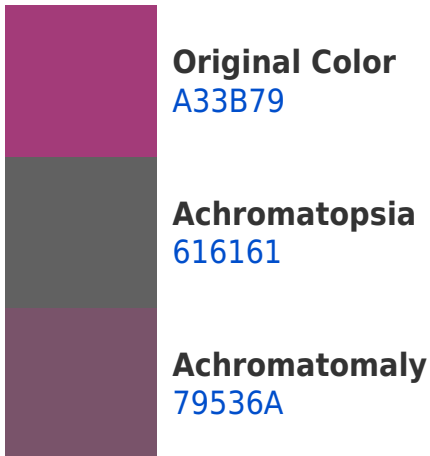


Tritanopia
9F464B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A33B79 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 #A33B79 looks like.

```
.text, #text, p{  
    color:#A33B79  
}
```

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 #A33B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33B79
}
```

Border

The CSS property to change the border of an element to Hex A33B79 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
#A33B79 }
```

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

```
.border{ border-color:#A33B79 }
```

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

Here you see how a box with a 4 pixel #A33B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33B79; -webkit-box-shadow:4px 4px  
4px 4px #A33B79; box-shadow:4px 4px 4px  
4px #A33B79 }
```

Background

The CSS property to change the background color of an element to Hex A33B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33B79 }
```

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

```
.background{ background-color:#A33B79 }
```

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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