

Converting Colors

Hex(A33D77)

Have a look what the booklet for
Hex(A33D77) contains.

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Color

Hex(A33D77)

Conversions

Conversions Part 1

Format	Color
Hex	A33D77
RGB	163, 61, 119
RGB Percent	64%, 24%, 47%
CMY	0.3608, 0.7608, 0.5333
CMYK	0.00, 0.63, 0.27, 0.36
HSL	326°, 46%, 44%
HSV	326°, 63%, 64%
XYZ	20.1028, 12.4559, 18.7975
YIQ	98.1100, 42.1740, 39.6620

Conversions

Conversions Part 2

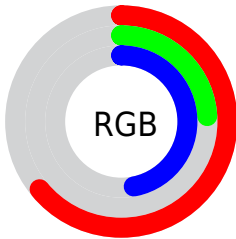
Format	Color
R_{YB}	163, 61, 119
Decimal	10698103
CIE _{Lab}	41.93, 48.20, -11.48
CIE _{LCh}	42, 49.546, 346.601
Yxy	12.4559, 0.3914, 0.2425
Android (android.graphics.Color)	4288888183 (0xFFA33D77)
YUV	98.1100, 10.2988, 56.9085
Hunter-Lab	35.2930, 39.9105, -6.8735

Details

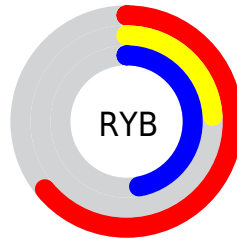
The Hex color **A33D77** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3DA369**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **DD72AB**, and **6C0047** is the 20% darker color. If you saturate the color by 10%, you get **A32D70**, and if you desaturate by 10%, it is **A34D7E**.

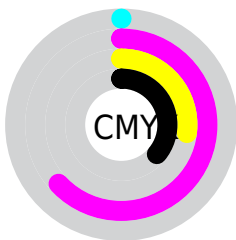
Distribution



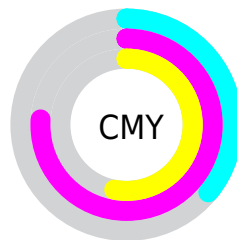
- Red (64%)
- Green (24%)
- Blue (47%)



- Red (64%)
- Yellow (24%)
- Blue (47%)



- Cyan (0%)
- Magenta (63%)
- Yellow (27%)
- Black (36%)



- Cyan (36%)
- Magenta (76%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33D77 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 A33D77 by changing the saturation by 10% instead.

 A33D77

 A33D77

FFFFFF

 87215E

 DD72AB

 6C0047

 FA8DC7

 510030

 FFA9E3

 39001C

 FFC5FF

 1A0001

 FFE2FF

 000000

 A33D77

 A33D77

 A32D70

 A34D7E

 A31C69

 A35E85

 A30C62

 A36E8C

 A3005D

 A37E93

 A38F9A

 A39FA1

 A3AFA8

 A3BFAF

 A3D0B6

Harmonies

Analogous

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



814E9B



A33D77



AC3B4E

Triad

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



A33D77



616803



00749E

Complementary

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



A33D77



3DA369

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.



007679



A33D77



307026

Square

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



A33D77



865A07



00754F



006DB2

Rectangle

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



A33D77



A64334



00754F



007593

Sweetspot

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



A33D77



D4ABC2



683DA3



6B5260



EBEBEB



6B6B6B

Same Dimension

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



A33D77



D4358F



A33D45



52494E



910053



12000A

Inverse Universe

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



A33D77



D4358F



3DA39A



52494E



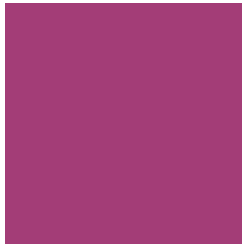
910053



12000A

Previews

White Background



This preview shows how the Hex color A33D77 looks on a white background.

Color Contrast Check

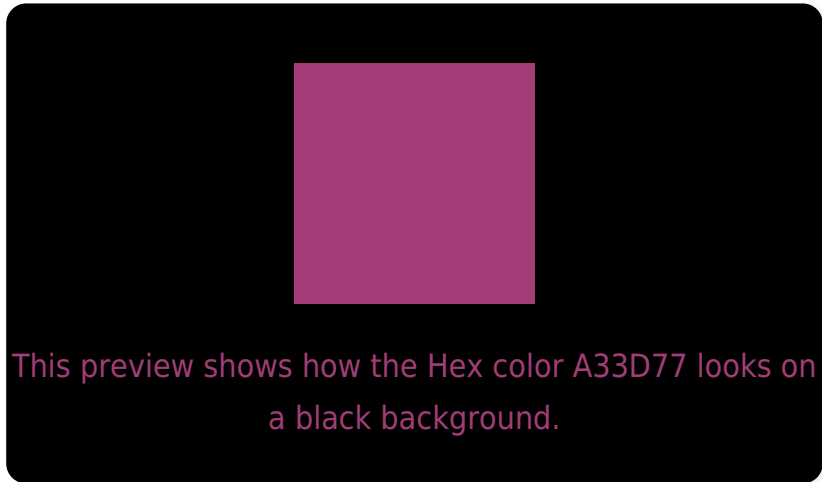
Large Text (above 18pt) WCAG AA ✓ Pass

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

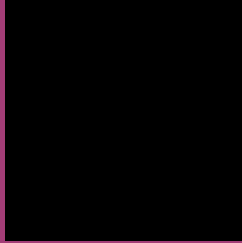
Any Text WCAG AA × Fail

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 A33D77 Background



This preview shows how black text looks on a background with the Hex color A33D77.

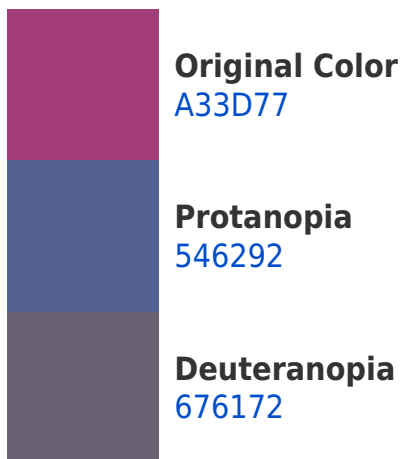


This preview shows how white text looks on a background with the Hex color A33D77.

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
9F474C

Trichromacy



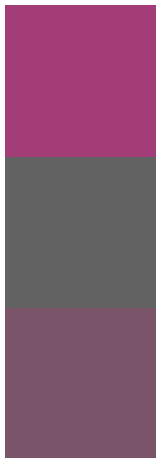
Original Color
A33D77

Protanomaly
715588

Deuteranomaly
7D5474

Tritanomaly
A0435C

Monochromacy



Original Color
A33D77

Achromatopsia
626262

Achromatomaly
7A556A

CSS Examples

Text

The CSS property to change the color of the text to Hex A33D77 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 #A33D77 looks like.

```
.text, #text, p{  
    color:#A33D77  
}
```

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 #A33D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33D77  
}
```

Border

The CSS property to change the border of an element to Hex A33D77 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  
#A33D77 }
```

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

```
.border{ border-color:#A33D77 }
```

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

Here you see how a box with a 4 pixel #A33D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33D77; -webkit-box-shadow:4px 4px  
4px 4px #A33D77; box-shadow:4px 4px 4px  
4px #A33D77 }
```

Background

The CSS property to change the background color of an element to Hex A33D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33D77 }
```

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

```
.background{ background-color:#A33D77 }
```

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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