

Converting Colors

Hex(A33672)

Have a look what the booklet for
Hex(A33672) contains.

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Color

Hex(A33672)

Conversions

Conversions Part 1

Format	Color
Hex	A33672
RGB	163, 54, 114
RGB Percent	64%, 21%, 45%
CMY	0.3608, 0.7882, 0.5529
CMYK	0.00, 0.67, 0.30, 0.36
HSL	327°, 50%, 43%
HSV	327°, 67%, 64%
XYZ	19.4607, 11.6398, 17.1406
YIQ	93.4310, 45.7040, 41.7680

Conversions

Conversions Part 2

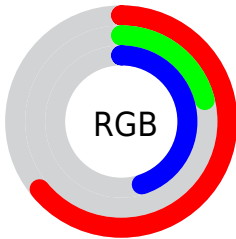
Format	Color
R_{YB}	163, 54, 114
Decimal	10696306
CIE _{Lab}	40.64, 50.57, -10.34
CIE _{LCh}	41, 51.615, 348.445
Yxy	11.6398, 0.4034, 0.2413
Android (android.graphics.Color)	4288886386 (0xFFA33672)
YUV	93.4310, 10.1405, 61.0120
Hunter-Lab	34.1171, 42.1130, -5.9056

Details

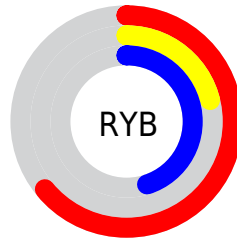
The Hex color **A33672** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36A367**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DD6CA6**, and **6B0042** is the 20% darker color. If you saturate the color by 10%, you get **A3266B**, and if you desaturate by 10%, it is **A34679**.

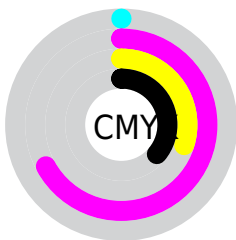
Distribution



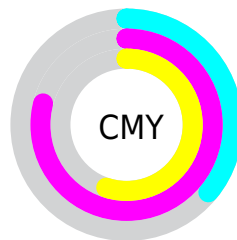
- Red (64%)
- Green (21%)
- Blue (45%)



- Red (64%)
- Yellow (21%)
- Blue (45%)



- Cyan (0%)
- Magenta (67%)
- Yellow (30%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33672 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 A33672 by changing the saturation by 10% instead.

 A33672

 A33672

FFFFFF

 871759

 DD6CA6

 6B0042

 FB87C1

 50002C

 FFA3DD

 380018

 FFBFF9

 160000

 FFDCFF

 000000

 FFF9FF

 A33672

 A33672

 A3266B

 A34679

 A31563

 A35781

 A3055C

 A36788

 A3005A

 A3778F

 A38897

 A3989E

 A3A8A5

 A3B8AD

 A3C9B4

Harmonies

Analogous

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



824898



A33672



AB3548

Triad

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



A33672



5B6600



00719E

Complementary

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



A33672



36A367

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.



007379



A33672



246E23

Square

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



A33672



815800



00724D



0069B3

Rectangle

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



A33672



A43F2D



00724D



007294

Sweetspot

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



A33672



D4A9C1



6536A3



6B5160



EBEBEB



6B6B6B

Same Dimension

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



A33672



D42A88



A3363D



52494E



910050



12000A

Inverse Universe

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



A33672



D42A88



36A39C



52494E



910050



12000A

Previews

White Background



This preview shows how the Hex color A33672 looks on a white background.

Color Contrast Check

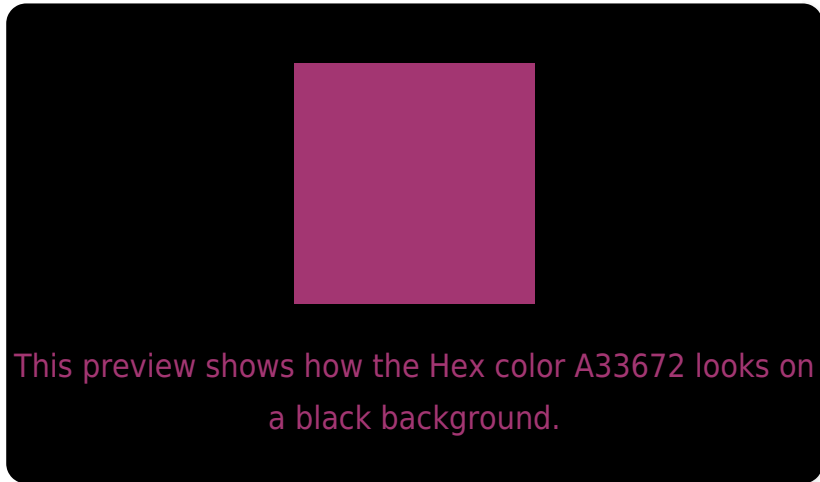
Large Text (above 18pt) WCAG AA ✓ Pass

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

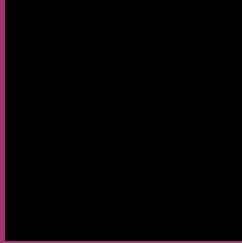
Any Text WCAG AA × Fail

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 A33672 Background



This preview shows how black text looks on a background with the Hex color A33672.




This preview shows how white text looks on a background with the Hex color A33672.

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
9F4145

Trichromacy



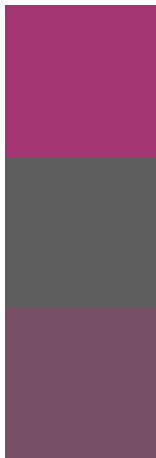
Original Color
A33672

Protanomaly
6F5084

Deuteranomaly
7C4F6E

Tritanomaly
A03D55

Monochromacy



Original Color
A33672

Achromatopsia
5D5D5D

Achromatomaly
764F65

CSS Examples

Text

The CSS property to change the color of the text to Hex A33672 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 #A33672 looks like.

```
.text, #text, p{  
    color:#A33672  
}
```

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 #A33672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33672
}
```

Border

The CSS property to change the border of an element to Hex A33672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

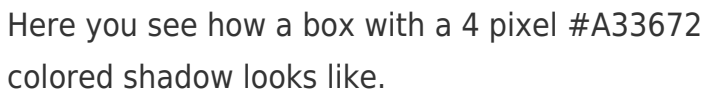
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33672 }
```

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

```
.border{ border-color:#A33672 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border. The shadow is a darker purple, 4 pixels wide and 4 pixels high, offset to the bottom-right of the box.

Here you see how a box with a 4 pixel #A33672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33672; -webkit-box-shadow:4px 4px  
4px 4px #A33672; box-shadow:4px 4px 4px  
4px #A33672 }
```

Background

The CSS property to change the background color of an element to Hex A33672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33672 }
```

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

```
.background{ background-color:#A33672 }
```

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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