

Converting Colors

Hex(A33662)

Have a look what the booklet for
Hex(A33662) contains.

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Color

Hex(A33662)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A33662 |
| RGB | 163, 54, 98 |
| RGB Percent | 64%, 21%, 38% |
| CMY | 0.3608, 0.7882, 0.6157 |
| CMYK | 0.00, 0.67, 0.40, 0.36 |
| HSL | 336°, 50%, 43% |
| HSV | 336°, 67%, 64% |
| XYZ | 18.6280, 11.3067, 12.7559 |
| YIQ | 91.6070, 50.8400, 36.7920 |

Conversions

Conversions Part 2

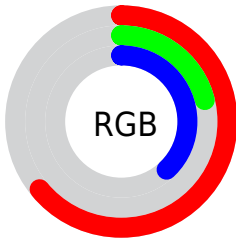
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 163, 54, 98 |
| Decimal | 10696290 |
| CIE _{Lab} | 40.09, 48.66, -1.15 |
| CIE _{LCh} | 40, 48.670, 358.645 |
| Yxy | 11.3067, 0.4363, 0.2649 |
| Android (android.graphics.Color) | 4288886370 (0xFFA33662) |
| YUV | 91.6070, 3.1517, 62.6117 |
| Hunter-Lab | 33.6254, 40.0420, 1.0460 |

Details

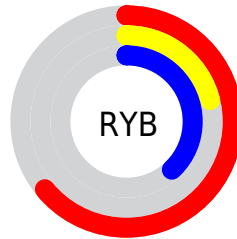
The Hex color **A33662** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36A377**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **DD6C95**, and **6B0034** is the 20% darker color. If you saturate the color by 10%, you get **A32658**, and if you desaturate by 10%, it is **A3466C**.

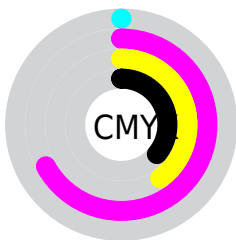
Distribution



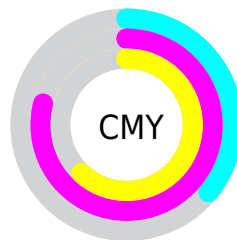
- Red (64%)
- Green (21%)
- Blue (38%)



- Red (64%)
- Yellow (21%)
- Blue (38%)



- Cyan (0%)
- Magenta (67%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33662 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 A33662 by changing the saturation by 10% instead.

 A33662

 A33662

FFFFFF

 87184A

 DD6C95

 6B0034

 FB87AF

 4F001F

 FFA2CB

 380005

 FFBEE7

 0F0000

 FFDBFF

 000000

 FFF8FF

 A33662

 A33662

 A32658

 A3466C

 A3154F

 A35775

 A30545

 A3677F

 A30042

 A37789

 A38893

 A3989C

 A3A8A6

 A3B8B0

 A3C9B9

Harmonies

Analogous

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



8C4288



A33662



A33C3B

Triad

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



A33662



4C670D



006DA2

Complementary

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



A33662



36A377

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.



007184



A33662



006E33

Square

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



A33662



735C00



00715B



0064AE

Rectangle

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



A33662



994623



00715B



006F9A

Sweetspot

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



A33662



D4A9BA



7636A3



6B515C



EBEBEB



6B6B6B

Same Dimension

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



A33662



D42A6F



A33F36



52494D



91003B



120007

Inverse Universe

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



A33662



D42A6F



369AA3



52494D



91003B



120007

Previews

White Background



This preview shows how the Hex color A33662 looks on a white background.

Color Contrast Check

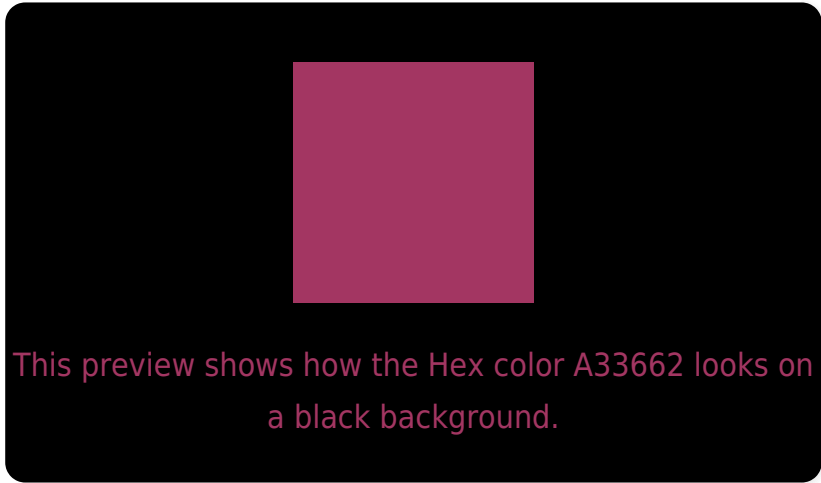
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33662 Background



This preview shows how black text looks on a background with the Hex color A33662.

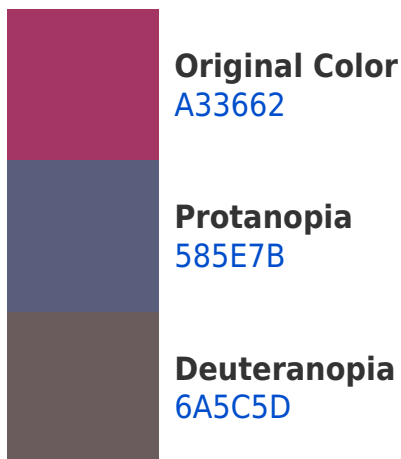


This preview shows how white text looks on a background with the Hex color A33662.

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
A13D41

Trichromacy



Original Color
A33662

Protanomaly
734F72

Deuteranomaly
7F4E5F

Tritanomaly
A23A4D

Monochromacy



Original Color
A33662

Achromatopsia
5C5C5C

Achromatomaly
764E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex A33662 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 #A33662 looks like.

```
.text, #text, p{  
    color:#A33662  
}
```

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 #A33662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33662
}
```

Border

The CSS property to change the border of an element to Hex A33662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

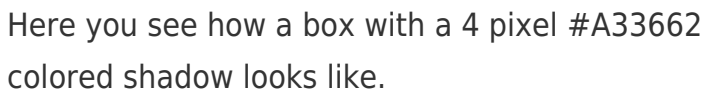
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33662 }
```

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

```
.border{ border-color:#A33662 }
```

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



Here you see how a box with a 4 pixel #A33662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33662; -webkit-box-shadow:4px 4px  
4px 4px #A33662; box-shadow:4px 4px 4px  
4px #A33662 }
```

Background

The CSS property to change the background color of an element to Hex A33662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33662 }
```

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

```
.background{ background-color:#A33662 }
```

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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