

Converting Colors

Hex(A33350)

Have a look what the booklet for
Hex(A33350) contains.

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Color

Hex(A33350)

Conversions

Conversions Part 1

Format	Color
Hex	A33350
RGB	163, 51, 80
RGB Percent	64%, 20%, 31%
CMY	0.3608, 0.8000, 0.6863
CMYK	0.00, 0.69, 0.51, 0.36
HSL	344°, 52%, 42%
HSV	344°, 69%, 64%
XYZ	17.7361, 10.7334, 8.7264
YIQ	87.7940, 57.4430, 32.7630

Conversions

Conversions Part 2

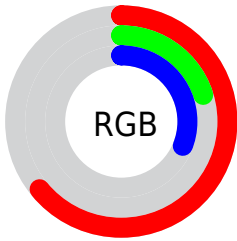
Format	Color
R_{YB}	163, 51, 80
Decimal	10695504
CIE _{Lab}	39.13, 48.10, 8.82
CIE _{LCh}	39, 48.904, 10.389
Yxy	10.7334, 0.4768, 0.2886
Android (android.graphics.Color)	4288885584 (0xFFA33350)
YUV	87.7940, -3.8424, 65.9557
Hunter-Lab	32.7618, 39.3002, 7.1409

Details

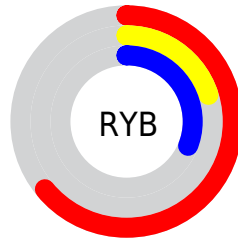
The Hex color **A33350** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **33A386**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **DE6981**, and **6A0024** is the 20% darker color. If you saturate the color by 10%, you get **A32344**, and if you desaturate by 10%, it is **A3435C**.

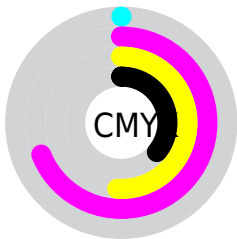
Distribution



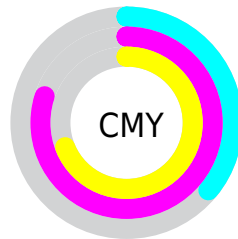
- Red (64%)
- Green (20%)
- Blue (31%)



- Red (64%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (69%)
- Yellow (51%)
- Black (36%)



- Cyan (36%)
- Magenta (80%)
- Yellow (69%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33350 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 A33350 by changing the saturation by 10% instead.

 A33350

 A33350

FFFFFF

 861439

 DE6981

 6A0024

 FC849B

 4E000F

 FF9FB6

 350002

 FFBBD1

 030000

 FFD8ED

 000000

 FFF5FF

 A33350

 A33350

 A32344

 A3435C

 A31238

 A35468

 A3022C

 A36474

 A3002A

 A37480

 A3858C

 A39598

 A3A5A5

 A3B5B1

 A3C6BD

Harmonies

Analogous

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



963978



A33350



9B3F2A

Triad

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



A33350



366819



0068A7

Complementary

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



A33350



33A386

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.



006D8F



A33350



006D40

Square

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



A33350



625F00



006F69



0F5CAB

Rectangle

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



A33350



8D4B13



006F69



006AA1

Sweetspot

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



A33350



D4A7B3



8533A3



6B5057



EBEBEB



6B6B6B

Same Dimension

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



A33350



D42653



A34D33



52494C



910026



120005

Inverse Universe

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



A33350



D42653



3389A3



52494C



910026



120005

Previews

White Background



This preview shows how the Hex color A33350 looks on a white background.

Color Contrast Check

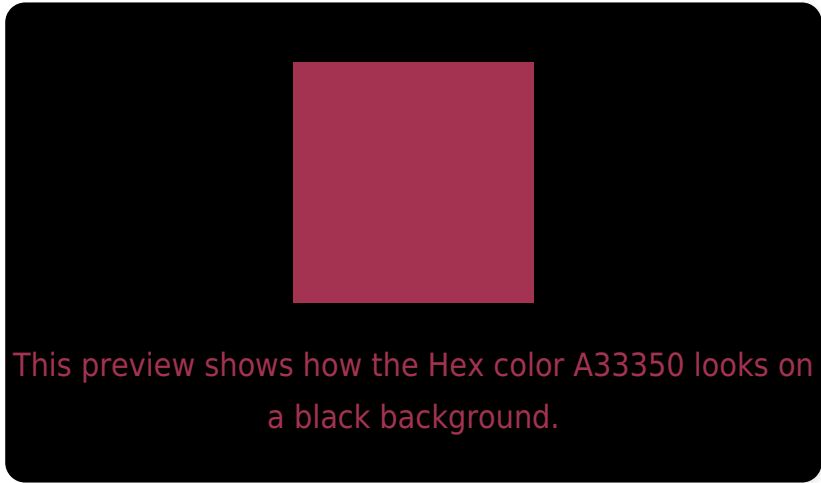
Large Text (above 18pt) WCAG AA ✓ Pass

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

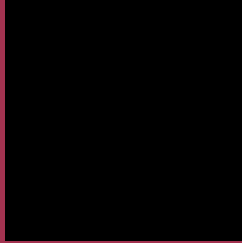
Any Text WCAG AA × Fail

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 A33350 Background



This preview shows how black text looks on a background with the Hex color A33350.



This preview shows how white text looks on a background with the Hex color A33350.

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
A2373B

Trichromacy



Original Color
A33350

Protanomaly
764D5E

Deuteranomaly
804B4D

Tritanomaly
A23643

Monochromacy



Original Color
A33350

Achromatopsia
585858

Achromatomaly
734B55

CSS Examples

Text

The CSS property to change the color of the text to Hex A33350 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 #A33350 looks like.

```
.text, #text, p{  
    color:#A33350  
}
```

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 #A33350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33350
}
```

Border

The CSS property to change the border of an element to Hex A33350 is called "border". The border property can be set on classes, ids or directly on the HTML element.

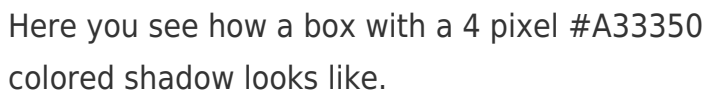
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A33350 }
```

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

```
.border{ border-color:#A33350 }
```

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



Here you see how a box with a 4 pixel `#A33350` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33350; -webkit-box-shadow:4px 4px  
4px 4px #A33350; box-shadow:4px 4px 4px  
4px #A33350 }
```

Background

The CSS property to change the background color of an element to Hex A33350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33350 }
```

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

```
.background{ background-color:#A33350 }
```

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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