

Converting Colors

Hex(A33721)

Have a look what the booklet for
Hex(A33721) contains.

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Color

Hex(A33721)

Conversions

Conversions Part 1

Format	Color
Hex	A33721
RGB	163, 55, 33
RGB Percent	64%, 22%, 13%
CMY	0.3608, 0.7843, 0.8706
CMYK	0.00, 0.66, 0.80, 0.36
HSL	10°, 66%, 38%
HSV	10°, 80%, 64%
XYZ	16.7450, 10.6287, 2.6078
YIQ	84.7840, 71.4300, 16.0540

Conversions

Conversions Part 2

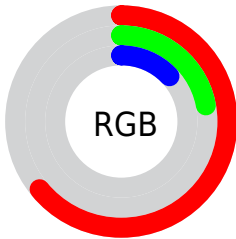
Format	Color
R_{YB}	163, 59, 33
Decimal	10696481
CIE Lab	38.95, 43.45, 37.09
CIE LCh	39, 57.128, 40.481
Yxy	10.6287, 0.5585, 0.3545
Android (android.graphics.Color)	4288886561 (0xFFA33721)
YUV	84.7840, -25.5295, 68.5954
Hunter-Lab	32.6017, 34.6286, 18.0785

Details

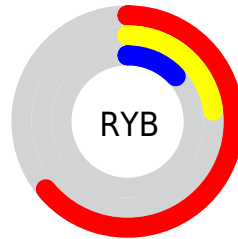
The Hex color **A33721** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **218DA3**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E06B4F**, and **680000** is the 20% darker color. If you saturate the color by 10%, you get **A32911**, and if you desaturate by 10%, it is **A34531**.

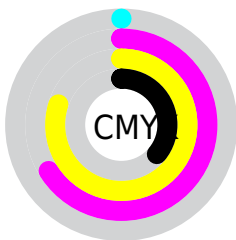
Distribution



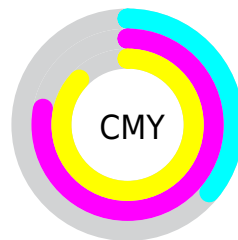
- Red (64%)
- Green (22%)
- Blue (13%)



- Red (64%)
- Yellow (23%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33721 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 A33721 by changing the saturation by 10% instead.

 A33721

 A33721

FFFFFF

 851B0B

 E06B4F

 680000

 FF8668

 4B0000

 FFA181

 310002

 FFBD9B

 000000

 FFD9B6

 FFF6D2

 FFFFEE

 A33721

 A33721

■ A32911

■ A34531

■ A31C00

■ A35242

■ A36052

■ A36D62

■ A37B72

■ A38883

■ A39693

■ A3A3A3

■ A3B1B4

Harmonies

Analogous

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



AD244E



A33721



884E00

Triad

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



A33721



006E3B



005CB8

Complementary

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



A33721



218DA3

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.



0069B4



A33721



00706B

Square

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



A33721



2B6904



006F97



7147A3

Rectangle

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



A33721



6F5A00



006F97



0061B9

Sweetspot

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



A33721



D4A9A1



A3218D



6B514C



EBEBEB



6B6B6B

Same Dimension

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



A33721



D42B08



A37821



524B49



911900



120300

Inverse Universe

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



218DA3



08B1D4



214CA3



495052



007991



000F12

Previews

White Background



This preview shows how the Hex color A33721 looks on a white background.

Color Contrast Check

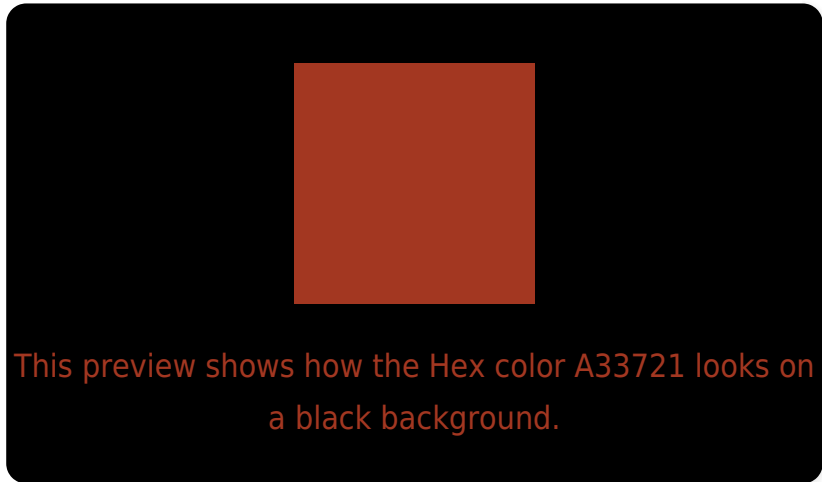
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33721 Background



This preview shows how black text looks on a background with the Hex color A33721.



This preview shows how white text looks on a background with the Hex color A33721.

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



Original Color
A33721

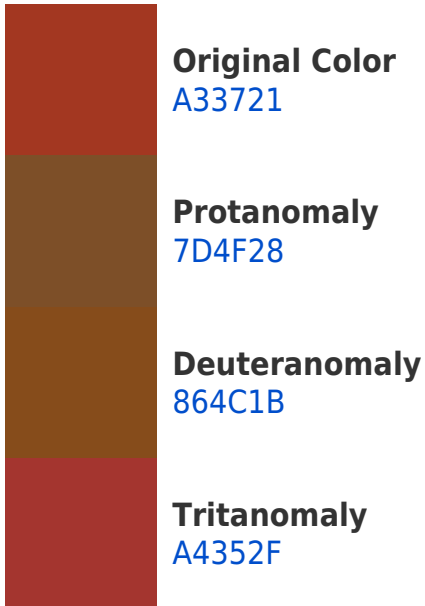
Protanopia
675D2C

Deuteranopia
755818



Tritanopia
A43437

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A33721 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 #A33721 looks like.

```
.text, #text, p{  
    color:#A33721  
}
```

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 #A33721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33721
}
```

Border

The CSS property to change the border of an element to Hex A33721 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
#A33721 }
```

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

```
.border{ border-color:#A33721 }
```

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

Here you see how a box with a 4 pixel #A33721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33721; -webkit-box-shadow:4px 4px  
4px 4px #A33721; box-shadow:4px 4px 4px  
4px #A33721 }
```

Background

The CSS property to change the background color of an element to Hex A33721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33721 }
```

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

```
.background{ background-color:#A33721 }
```

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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