

Converting Colors

Hex(A33C23)

Have a look what the booklet for
Hex(A33C23) contains.

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Color

Hex(A33C23)

Conversions

Conversions Part 1

Format	Color
Hex	A33C23
RGB	163, 60, 35
RGB Percent	64%, 24%, 14%
CMY	0.3608, 0.7647, 0.8627
CMYK	0.00, 0.63, 0.79, 0.36
HSL	12°, 65%, 39%
HSV	12°, 79%, 64%
XYZ	17.0235, 11.1396, 2.8430
YIQ	87.9470, 69.4130, 14.0610

Conversions

Conversions Part 2

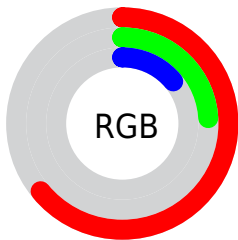
Format	Color
R_{YB}	163, 66, 35
Decimal	10697763
CIE _{Lab}	39.81, 41.26, 36.90
CIE _{LCh}	40, 55.354, 41.804
Yxy	11.1396, 0.5490, 0.3593
Android (android.graphics.Color)	4288887843 (0xFFA33C23)
YUV	87.9470, -26.1029, 65.8215
Hunter-Lab	33.3760, 32.6361, 18.3128

Details

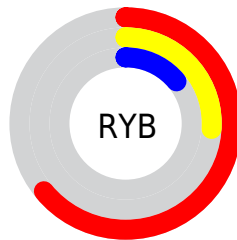
The Hex color **A33C23** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **238AA3**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **E07051**, and **680000** is the 20% darker color. If you saturate the color by 10%, you get **A32F13**, and if you desaturate by 10%, it is **A34933**.

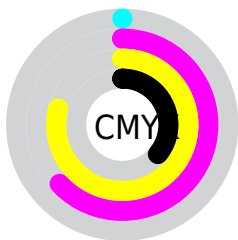
Distribution



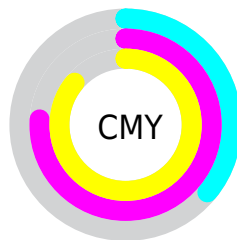
- Red (64%)
- Green (24%)
- Blue (14%)



- Red (64%)
- Yellow (26%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (36%)



- Cyan (36%)
- Magenta (76%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33C23 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 A33C23 by changing the saturation by 10% instead.

 A33C23

 A33C23

FFFFFF

 85220D

 E07051

 680000

 FF8A6A

 4B0000

 FFA583

 320002

 FFC19E

 000000

 FFDEB9

 FFFBD5

 FFFFF1

 A33C23

 A33C23

 A32F13

 A34933

 A32202

 A35644

 A32000

 A36354

 A37064

 A37E74

 A38B85

 A39895

 A3A5A5

 A3B2B6

Harmonies

Analogous

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



AD2B4E



A33C23



885100

Triad

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



A33C23



007040



005DB7

Complementary

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



A33C23



238AA3

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.



006AB4



A33C23



00726F

Square

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



A33C23



2C6B0F



007199



7549A2

Rectangle

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



A33C23



6F5D00



007199



0063B9

Sweetspot

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



A33C23



D4ABA1



A3238C



6B524C



EBEBEB



6B6B6B

Same Dimension

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



A33C23



D4340D



A37A23



524B49



911C00



120300

Inverse Universe

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



238AA3



0DADD4



234CA3



495052



007591



000E12

Previews

White Background



This preview shows how the Hex color A33C23 looks on a white background.

Color Contrast Check

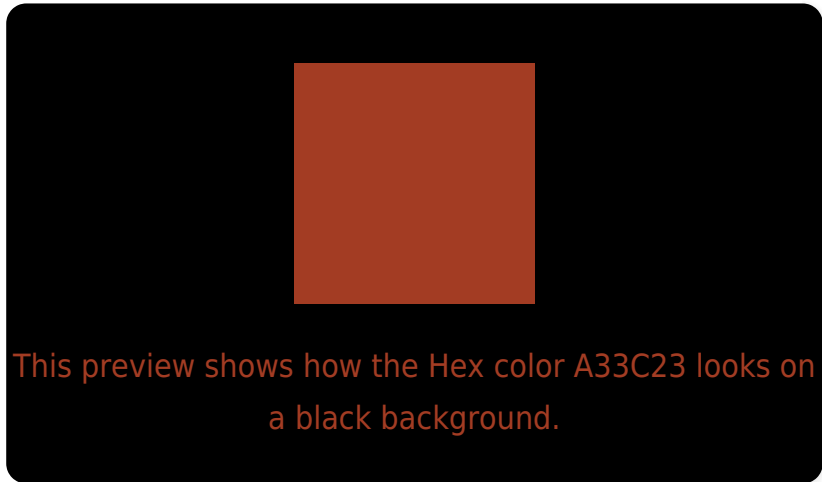
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33C23 Background



This preview shows how black text looks on a background with the Hex color A33C23.



This preview shows how white text looks on a background with the Hex color A33C23.

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
A33C23

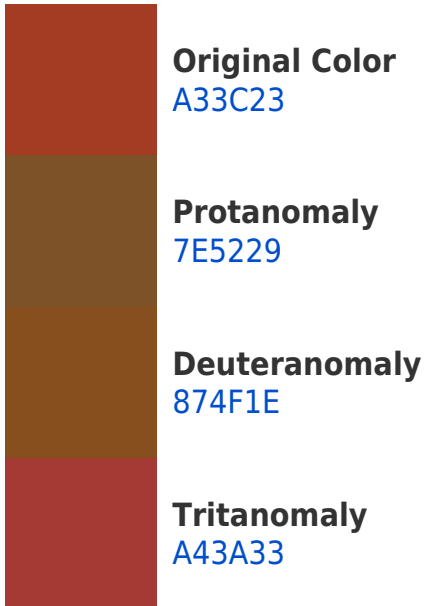
Protanopia
695F2D

Deuteranopia
775A1B



Tritanopia
A4393C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A33C23 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 #A33C23 looks like.

```
.text, #text, p{  
    color:#A33C23  
}
```

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 #A33C23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33C23 }  
}
```

Border

The CSS property to change the border of an element to Hex A33C23 is called "border". The border property can be set on classes, ids or directly on the HTML element.

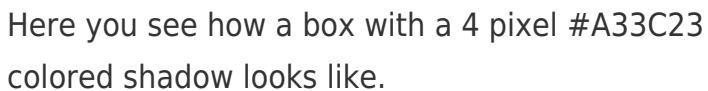
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A33C23 }  
}
```

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

```
.border{ border-color:#A33C23 }
```

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



Here you see how a box with a 4 pixel `#A33C23` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33C23; -webkit-box-shadow:4px 4px  
4px 4px #A33C23; box-shadow:4px 4px 4px  
4px #A33C23 }
```

Background

The CSS property to change the background color of an element to Hex A33C23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33C23 }
```

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

```
.background{ background-color:#A33C23 }
```

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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