

Converting Colors

Hex(A33F20)

Have a look what the booklet for
Hex(A33F20) contains.

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Color

Hex(A33F20)

Conversions

Conversions Part 1

Format	Color
Hex	A33F20
RGB	163, 63, 32
RGB Percent	64%, 25%, 13%
CMY	0.3608, 0.7529, 0.8745
CMYK	0.00, 0.61, 0.80, 0.36
HSL	14°, 67%, 38%
HSV	14°, 80%, 64%
XYZ	17.1425, 11.4458, 2.6723
YIQ	89.3660, 69.5510, 11.5590

Conversions

Conversions Part 2

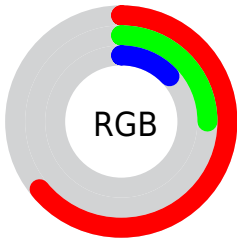
Format	Color
RYB	163, 73, 32
Decimal	10698528
CIELab	40.32, 39.73, 38.98
CIElCh	40, 55.664, 44.455
Yxy	11.4458, 0.5484, 0.3661
Android (android.graphics.Color)	4288888608 (0xFFA33F20)
YUV	89.3660, -28.2814, 64.5770
Hunter-Lab	33.8317, 31.2403, 18.9991

Details

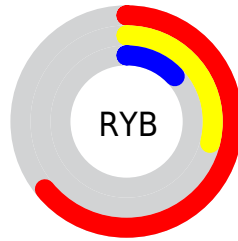
The Hex color **A33F20** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2084A3**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **E0724F**, and **680600** is the 20% darker color. If you saturate the color by 10%, you get **A33310**, and if you desaturate by 10%, it is **A34B30**.

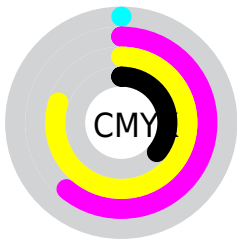
Distribution



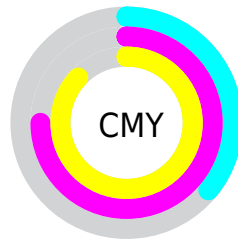
- Red (64%)
- Green (25%)
- Blue (13%)



- Red (64%)
- Yellow (29%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A33F20 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 A33F20 by changing the saturation by 10% instead.

 A33F20

 A33F20

FFFFFF

 852509

 E0724F

 680600

 FF8D67

 4B0000

 FFA881

 320002

 FFC49B

 000000

 FFE0B6

 FFFDD2

 FFFFEE

 A33F20

 A33F20

■ A33310

■ A34B30

■ A32700

■ A35841

■ A36451

■ A37161

■ A37D72

■ A38A82

■ A39692

■ A3A3A2

■ A3AFB3

Harmonies

Analogous

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



AF2C4B



A33F20



865400

Triad

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



A33F20



007245



145DB8

Complementary

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



A33F20



2084A3

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.



006BB7



A33F20



007374

Square

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



A33F20



266D15



00729E



7C48A1

Rectangle

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



A33F20



6D5F00



00729E



0063BB

Sweetspot

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



A33F20



D4ADA1



A32084



6B534C



EBEBEB



6B6B6B

Same Dimension

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



A33F20



D43908



A38020



524B49



912200



120400

Inverse Universe

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



2084A3



08A4D4



2043A3



495052



006F91



000E12

Previews

White Background



This preview shows how the Hex color A33F20 looks on a white background.

Color Contrast Check

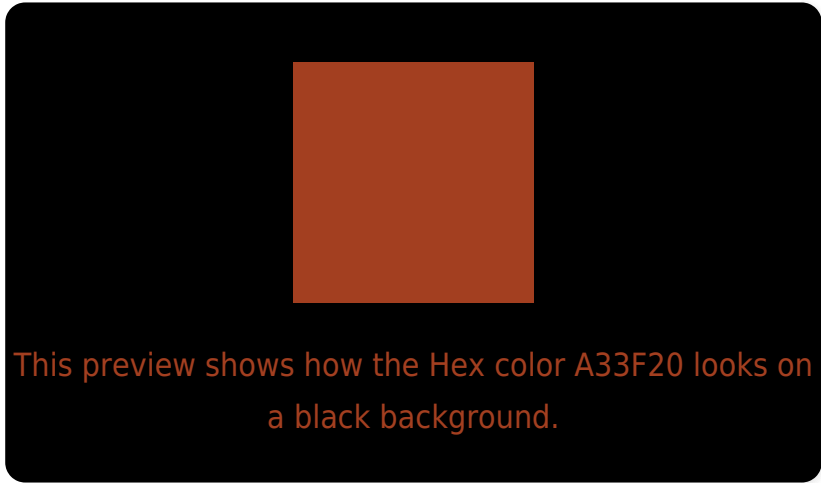
Large Text (above 18pt) WCAG AA ✓ Pass

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 A33F20 Background



This preview shows how black text looks on a background with the Hex color A33F20.



This preview shows how white text looks on a background with the Hex color A33F20.

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
A33F20

Protanopia
6B6029

Deuteranopia
795B17



Tritanopia
A43C3F

Trichromacy



Original Color
A33F20

Protanomaly
7F5426

Deuteranomaly
88511A

Tritanomaly
A43D34

Monochromacy



Original Color
A33F20

Achromatopsia
595959

Achromatomaly
745044

CSS Examples

Text

The CSS property to change the color of the text to Hex A33F20 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 #A33F20 looks like.

```
.text, #text, p{  
    color:#A33F20  
}
```

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 #A33F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A33F20  
}
```

Border

The CSS property to change the border of an element to Hex A33F20 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".

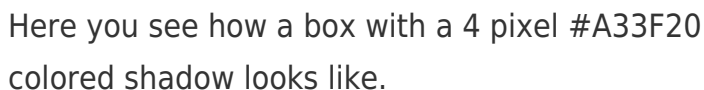
```
.border, #border, table{ border:4px solid  
#A33F20 }
```

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

```
.border{ border-color:#A33F20 }
```

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

Here you see how a box with a 4 pixel #A33F20 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A33F20; -webkit-box-shadow:4px 4px  
4px 4px #A33F20; box-shadow:4px 4px 4px  
4px #A33F20 }
```

Background

The CSS property to change the background color of an element to Hex A33F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A33F20 }
```

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

```
.background{ background-color:#A33F20 }
```

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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