

Converting Colors

Hex(A63300)

Have a look what the booklet for
Hex(A63300) contains.

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Color

Hex(A63300)

Conversions

Conversions Part 1

Format	Color
Hex	A63300
RGB	166, 51, 0
RGB Percent	65%, 20%, 0%
CMY	0.3490, 0.8000, 1.0000
CMYK	0.00, 0.69, 1.00, 0.35
HSL	18°, 100%, 33%
HSV	18°, 100%, 65%
XYZ	16.9097, 10.4746, 1.1306
YIQ	79.5710, 84.9110, 8.5190

Conversions

Conversions Part 2

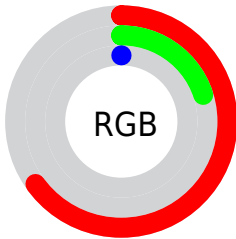
Format	Color
R_{YB}	166, 74, 0
Decimal	10892032
CIE _{Lab}	38.68, 45.52, 50.65
CIE _{LCh}	39, 68.095, 48.052
Yxy	10.4746, 0.5930, 0.3673
Android (android.graphics.Color)	4289082112 (0xFFA63300)
YUV	79.5710, -39.2285, 75.7982
Hunter-Lab	32.3646, 36.6240, 20.5841

Details

The Hex color **A63300** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0073A6**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **E46835**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A63300**, and if you desaturate by 10%, it is **A63F11**.

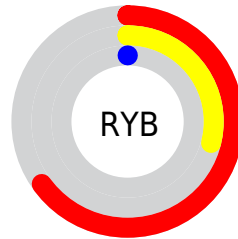
Distribution



Red (65%)

Green (20%)

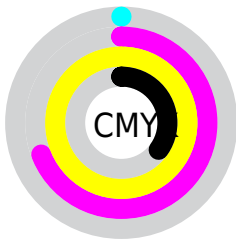
Blue (0%)



Red (65%)

Yellow (29%)

Blue (0%)

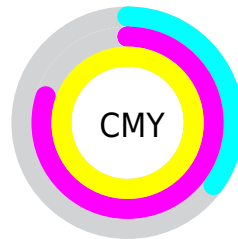


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A63300 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 A63300 by changing the saturation by 10% instead.

 A63300

 A63300

 FFFFEF

 881500

 E46835

 690000

 FF824D

 4C0000

 FF9E66

 320002

 FFB980

 000000

 FFD69B

 FFF3B6

 FFFFD2

 A63300

 A63F11

 A64A21

 A65632

 A66142

 A66C53

 A67864

 A68474

 A68F85

 A69B95

Harmonies

Analogous

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



B8003D



A63300



825100

Triad

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



A63300



007142



0057C6

Complementary

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



A63300



0073A6

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.



0068C9



A63300



00727C

Square

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



A63300



006C00



0070AD



8438A6

Rectangle

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



A63300



635E00



0070AD



005ECA

Sweetspot

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



A63300



D9AC98



A60074



6E5246



EDEDED



6E6E6E

Same Dimension

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



A63300



D94300



A68500



544E4C



942D00



140600

Inverse Universe

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



0073A6



0096D9



0021A6



4C5254



006694



000E14

Previews

White Background



This preview shows how the Hex color A63300 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 A63300 Background



This preview shows how black text looks on a background with the Hex color A63300.



This preview shows how white text looks on a background with the Hex color A63300.

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
A63300

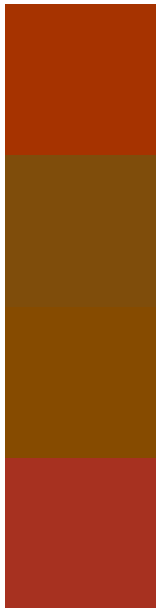
Protanopia
685C12

Deuteranopia
745800



Tritanopia
A73032

Trichromacy



Original Color
A63300

Protanomaly
7F4D0B

Deuteranomaly
864B00

Tritanomaly
A73120

Monochromacy



Original Color
A63300

Achromatopsia
505050

Achromatomaly
6F4533

CSS Examples

Text

The CSS property to change the color of the text to Hex A63300 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 #A63300 looks like.

```
.text, #text, p{  
    color:#A63300  
}
```

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 #A63300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63300
}
```

Border

The CSS property to change the border of an element to Hex A63300 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
#A63300 }
```

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

```
.border{ border-color:#A63300 }
```

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

Here you see how a box with a 4 pixel #A63300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63300; -webkit-box-shadow:4px 4px  
4px 4px #A63300; box-shadow:4px 4px 4px  
4px #A63300 }
```

Background

The CSS property to change the background color of an element to Hex A63300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63300 }
```

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

```
.background{ background-color:#A63300 }
```

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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