

Converting Colors

Hex(6A2900)

Have a look what the booklet for
Hex(6A2900) contains.

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Color

Hex(6A2900)

Conversions

Conversions Part 1

Format	Color
Hex	6A2900
RGB	106, 41, 0
RGB Percent	42%, 16%, 0%
CMY	0.5843, 0.8392, 1.0000
CMYK	0.00, 0.61, 1.00, 0.58
HSL	23°, 100%, 21%
HSV	23°, 100%, 42%
XYZ	6.7368, 4.6500, 0.5425
YIQ	55.7610, 51.9010, 1.0290

Conversions

Conversions Part 2

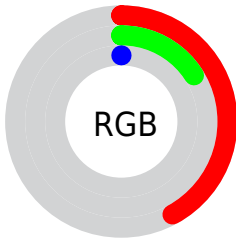
Format	Color
R_{YB}	106, 67, 0
Decimal	6957312
CIE Lab	25.71, 27.12, 36.57
CIE LCh	26, 45.534, 53.440
Yxy	4.6500, 0.5647, 0.3898
Android (android.graphics.Color)	4285147392 (0xFF6A2900)
YUV	55.7610, -27.4902, 44.0596
Hunter-Lab	21.5640, 18.0282, 13.6032

Details

The Hex color **6A2900** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00416A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A3592F**, and **330000** is the 20% darker color. If you saturate the color by 10%, you get **6A2900**, and if you desaturate by 10%, it is **6A300B**.

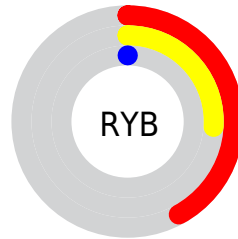
Distribution



Red (42%)

Green (16%)

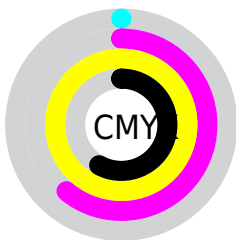
Blue (0%)



Red (42%)

Yellow (26%)

Blue (0%)

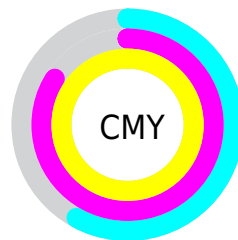


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (58%)



Cyan (58%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A2900 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 6A2900 by changing the saturation by 10% instead.

 6A2900

 6A2900

 FFFFE5

 4E1200

 A3592F

 330000

 C07247

 140000

 DE8B5F

 000000

 FCA678

 FFC193

 FFDEAD

 FFFAC9

 6A2900

 6A300B

 6A3615

 6A3D20

 6A432A

 6A4A35

 6A5040

 6A574A

 6A5D55

 6A645F

Harmonies

Analogous

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



771624



6A2900



523900

Triad

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



6A2900



004B34



26377D

Complementary

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



6A2900



00416A

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.



004482



6A2900



004C58

Square

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



6A2900



00490F



004A74



5E2567

Rectangle

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



6A2900



3E4000



004A74



003C81

Sweetspot

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



6A2900



8A7060



6A0041



45362C



C4C4C4



454545

Same Dimension

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



6A2900



8A3500



6A5E00



363230



752D00



F55F00

Inverse Universe

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



00416A



00548A



000C6A



303336



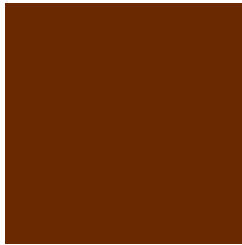
004875



0096F5

Previews

White Background



This preview shows how the Hex color 6A2900 looks on a white background.

Color Contrast Check

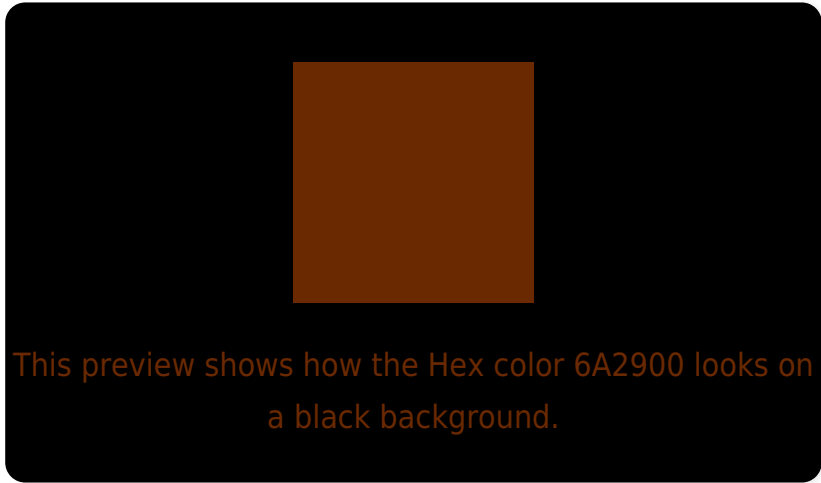
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

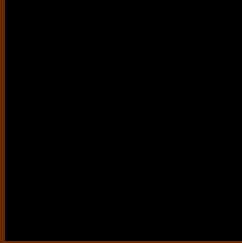
Any Text WCAG AA × Fail

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 6A2900 Background



This preview shows how black text looks on a background with the Hex color 6A2900.



This preview shows how white text looks on a background with the Hex color 6A2900.

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
6A2900

Protanopia
463E0B

Deuteranopia
4E3B00



Tritanopia
6B2628

Trichromacy



Original Color
6A2900

Protanomaly
533607

Deuteranomaly
583400

Tritanomaly
6B2719

Monochromacy



Original Color
6A2900

Achromatopsia
383838

Achromatomaly
4A3324

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A2900 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 #6A2900 looks like.

```
.text, #text, p{  
    color:#6A2900  
}
```

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 #6A2900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A2900
}
```

Border

The CSS property to change the border of an element to Hex 6A2900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

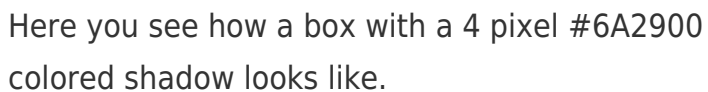
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A2900 }
```

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

```
.border{ border-color:#6A2900 }
```

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



Here you see how a box with a 4 pixel #6A2900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A2900; -webkit-box-shadow:4px 4px  
4px 4px #6A2900; box-shadow:4px 4px 4px  
4px #6A2900 }
```

Background

The CSS property to change the background color of an element to Hex 6A2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A2900 }
```

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

```
.background{ background-color:#6A2900 }
```

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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