

Converting Colors

Hex(A21900)

Have a look what the booklet for
Hex(A21900) contains.

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Color

Hex(A21900)

Conversions

Conversions Part 1

Format	Color
Hex	A21900
RGB	162, 25, 0
RGB Percent	64%, 10%, 0%
CMY	0.3647, 0.9020, 1.0000
CMYK	0.00, 0.85, 1.00, 0.36
HSL	9°, 100%, 32%
HSV	9°, 100%, 64%
XYZ	15.2479, 8.3766, 0.8132
YIQ	63.1130, 89.6770, 21.2690

Conversions

Conversions Part 2

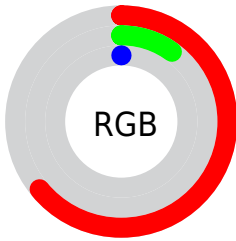
Format	Color
RYB	162, 30, 0
Decimal	10623232
CIELab	34.76, 52.91, 48.29
CIElCh	35, 71.634, 42.387
Yxy	8.3766, 0.6239, 0.3428
Android (android.graphics.Color)	4288813312 (0xFFA21900)
YUV	63.1130, -31.1147, 86.7239
Hunter-Lab	28.9424, 43.3910, 18.5938

Details

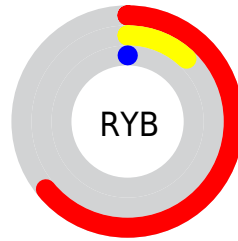
The Hex color **A21900** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0089A2**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **E15531**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A21900**, and if you desaturate by 10%, it is **A22710**.

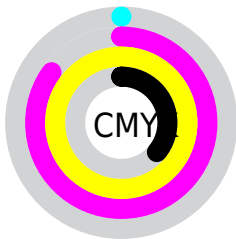
Distribution



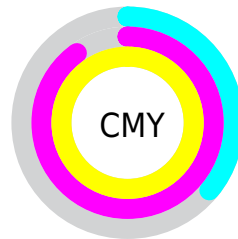
- Red (64%)
- Green (10%)
- Blue (0%)



- Red (64%)
- Yellow (12%)
- Blue (0%)



- Cyan (0%)
- Magenta (85%)
- Yellow (100%)
- Black (36%)



- Cyan (36%)
- Magenta (90%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A21900 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 A21900 by changing the saturation by 10% instead.

 A21900

 A21900

 FFFFEE9

 830000

 E15531

 640000

 FF7049

 470000

 FF8B62

 2B0001

 FFA77B

 000000

 FFC496

 FFE1B1

 FFFECC

 A21900

 A22710

 A23420

 A24231

 A25041

 A25E51

 A26B61

 A27971

 A28782

 A29492

Harmonies

Analogous

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



B1003D



A21900



7F4200

Triad

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



A21900



00662C



0052C4

Complementary

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



A21900



0089A2

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.



0062C0



A21900



006869

Square

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



A21900



006100



00689F



6D32A8

Rectangle

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



A21900



615100



00689F



0059C6

Sweetspot

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



A21900



D49E94



A2008A



6B4A45



EBEBEB



6B6B6B

Same Dimension

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



A21900



D42100



A26900



524B49



911600



120300

Inverse Universe

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



0089A2



00B3D4



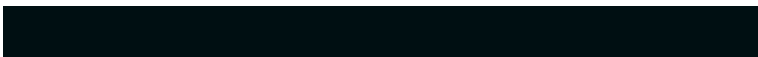
0039A2



495052



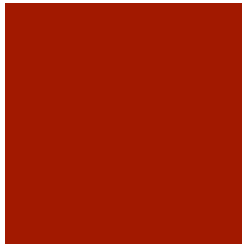
007B91



000F12

Previews

White Background



This preview shows how the Hex color A21900 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

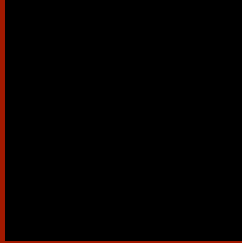
Any Text WCAG AA × Fail

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 A21900 Background



This preview shows how black text looks on a background with the Hex color A21900.



This preview shows how white text looks on a background with the Hex color A21900.

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
A21900

Protanopia
5E5414

Deuteranopia
694F00

Trichromacy



Original Color
A21900

Protanomaly
773F0D

Deuteranomaly
7E3B00

Tritanomaly
A2180D

Monochromacy



Original Color
A21900

Achromatopsia
3F3F3F

Achromatomaly
633128

CSS Examples

Text

The CSS property to change the color of the text to Hex A21900 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 #A21900 looks like.

```
.text, #text, p{  
    color:#A21900  
}
```

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 #A21900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A21900
}
```

Border

The CSS property to change the border of an element to Hex A21900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

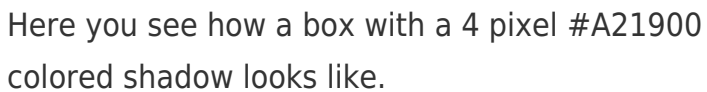
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A21900 }
```

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

```
.border{ border-color:#A21900 }
```

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



Here you see how a box with a 4 pixel #A21900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A21900; -webkit-box-shadow:4px 4px  
4px 4px #A21900; box-shadow:4px 4px 4px  
4px #A21900 }
```

Background

The CSS property to change the background color of an element to Hex A21900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A21900 }
```

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

```
.background{ background-color:#A21900 }
```

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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