

Converting Colors

Hex(A21E00)

Have a look what the booklet for
Hex(A21E00) contains.

Hex(A21E00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A21E00)

Conversions

Conversions Part 1

Format	Color
Hex	A21E00
RGB	162, 30, 0
RGB Percent	64%, 12%, 0%
CMY	0.3647, 0.8824, 1.0000
CMYK	0.00, 0.81, 1.00, 0.36
HSL	11°, 100%, 32%
HSV	11°, 100%, 64%
XYZ	15.3646, 8.6099, 0.8521
YIQ	66.0480, 88.3020, 18.6540

Conversions

Conversions Part 2

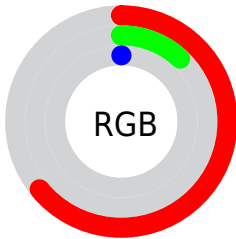
Format	Color
RYB	162, 37, 0
Decimal	10624512
CIELab	35.22, 51.59, 48.54
CIElCh	35, 70.834, 43.257
Yxy	8.6099, 0.6189, 0.3468
Android (android.graphics.Color)	4288814592 (0xFFA21E00)
YUV	66.0480, -32.5617, 84.1499
Hunter-Lab	29.3427, 42.1174, 18.8182

Details

The Hex color **A21E00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0084A2**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **E15831**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A21E00**, and if you desaturate by 10%, it is **A22B10**.

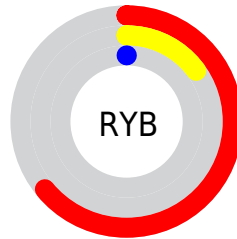
Distribution



Red (64%)

Green (12%)

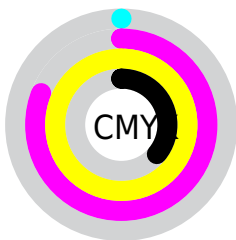
Blue (0%)



Red (64%)

Yellow (15%)

Blue (0%)

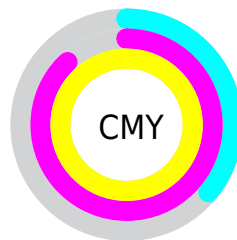


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A21E00 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 A21E00 by changing the saturation by 10% instead.

 A21E00

 A21E00

 FFFFEA

 830000

 E15831

 650000

 FF734A

 470000

 FF8E62

 2B0001

 FFAA7C

 000000

 FFC696

 FFE3B1

 FFFFCD

 A21E00

 A22B10

 A23820

 A24631

 A25341

 A26051

 A26D61

 A27A71

 A28882

 A29592

Harmonies

Analogous

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



B1003D



A21E00



7F4400

Triad

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



A21E00



006730



0052C3

Complementary

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



A21E00



0084A2

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.



0063C1



A21E00



00696B

Square

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



A21E00



006300



0069A0



7033A7

Rectangle

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



A21E00



615300



0069A0



0059C6

Sweetspot

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



A21E00



D4A094



A20084



6B4C45



EBEBEB



6B6B6B

Same Dimension

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



A21E00



D42700



A26F00



524B49



911B00



120300

Inverse Universe

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



0084A2



00ACD4



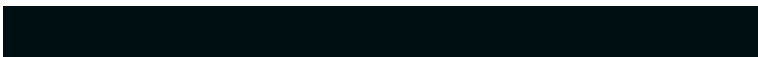
0033A2



495052



007691



000F12

Previews

White Background



This preview shows how the Hex color A21E00 looks on a white background.

Color Contrast Check

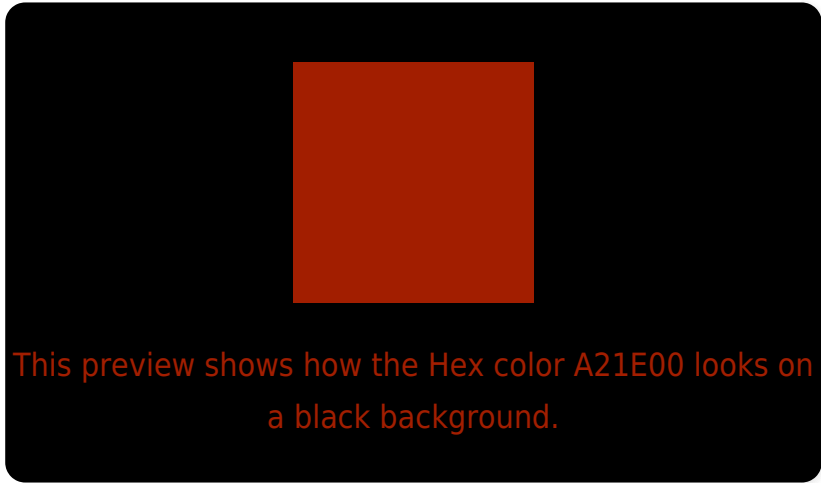
Large Text (above 18pt) WCAG AA ✓ Pass

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

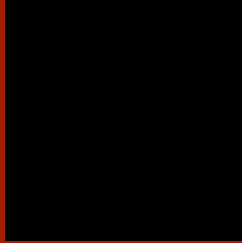
Any Text WCAG AA × Fail

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 A21E00 Background



This preview shows how black text looks on a background with the Hex color A21E00.



This preview shows how white text looks on a background with the Hex color A21E00.

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

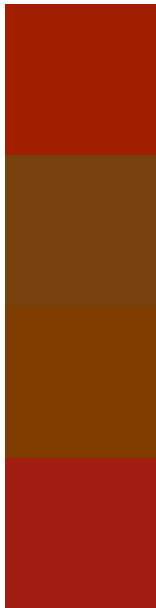


Original Color
A21E00

Protanopia
5F5514

Deuteranopia
6B5000

Trichromacy



Original Color
A21E00

Protanomaly
77410D

Deuteranomaly
7F3E00

Tritanomaly
A21D11

Monochromacy



Original Color
A21E00

Achromatopsia
424242

Achromatomaly
65352A

CSS Examples

Text

The CSS property to change the color of the text to Hex A21E00 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 #A21E00 looks like.

```
.text, #text, p{  
    color:#A21E00  
}
```

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 #A21E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A21E00 }  
}
```

Border

The CSS property to change the border of an element to Hex A21E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

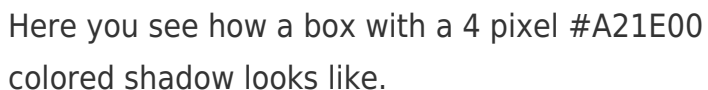
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #A21E00 }  
}
```

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

```
.border{ border-color:#A21E00 }
```

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



Here you see how a box with a 4 pixel `#A21E00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A21E00; -webkit-box-shadow:4px 4px  
4px 4px #A21E00; box-shadow:4px 4px 4px  
4px #A21E00 }
```

Background

The CSS property to change the background color of an element to Hex A21E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A21E00 }
```

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

```
.background{ background-color:#A21E00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor