

Converting Colors

Hex(A20000)

Have a look what the booklet for
Hex(A20000) contains.

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Color

Hex(A20000)

Conversions

Conversions Part 1

Format	Color
Hex	A20000
RGB	162, 0, 0
RGB Percent	64%, 0%, 0%
CMY	0.3647, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.36
HSL	0°, 100%, 32%
HSV	0°, 100%, 64%
XYZ	14.9003, 7.6814, 0.6973
YIQ	48.4380, 96.5520, 34.3440

Conversions

Conversions Part 2

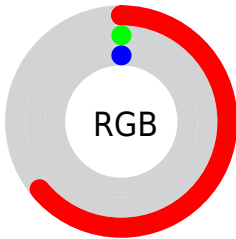
Format	Color
RYB	162, 0, 0
Decimal	10616832
CIELab	33.31, 57.06, 47.46
CIELCh	33, 74.214, 39.752
Yxy	7.6814, 0.6401, 0.3300
Android (android.graphics.Color)	4288806912 (0xFFA20000)
YUV	48.4380, -23.8799, 99.5939
Hunter-Lab	27.7153, 47.4633, 17.9090

Details

The Hex color **A20000** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A2A2**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **E14B30**, and **640000** is the 20% darker color. If you saturate the color by 10%, you get **A20000**, and if you desaturate by 10%, it is **A21010**.

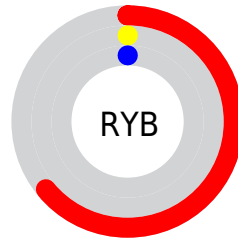
Distribution



Red (64%)

Green (0%)

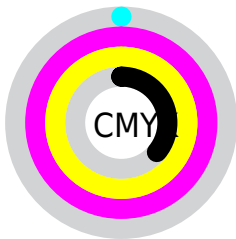
Blue (0%)



Red (64%)

Yellow (0%)

Blue (0%)

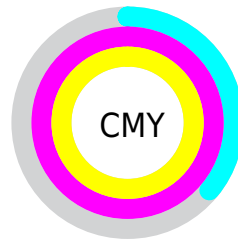


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A20000 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 A20000 by changing the saturation by 10% instead.

 A20000

 A20000

 FFFFE7

 830000

 E14B30

 640000

 FF6748

 470001

 FF8360

 290001

 FF9F7A

 000000

 FFBB94

 FFD8AF

 FFF6CA

 A20000

 A21010

 A22020

 A23131

 A24141

 A25151

 A26161

 A27171

 A28282

 A29292

Harmonies

Analogous

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



AF003E



A20000



803C00

Triad

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



A20000



006322



0051C5

Complementary

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



A20000



00A2A2

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.



0060BF



A20000



006561

Square

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



A20000



005E00



006599



6131AA

Rectangle

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



A20000



614C00



006599



0058C7

Sweetspot

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



A20000



D49494



A200A2



6B4545



EBEBEB



6B6B6B

Same Dimension

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



A20000



D40000



A25100



524949



910000



120000

Inverse Universe

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



00A2A2



00D4D4



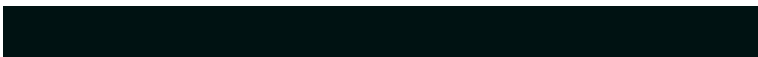
0051A2



495252



009191



001212

Previews

White Background



This preview shows how the Hex color A20000 looks on a white background.

Color Contrast Check

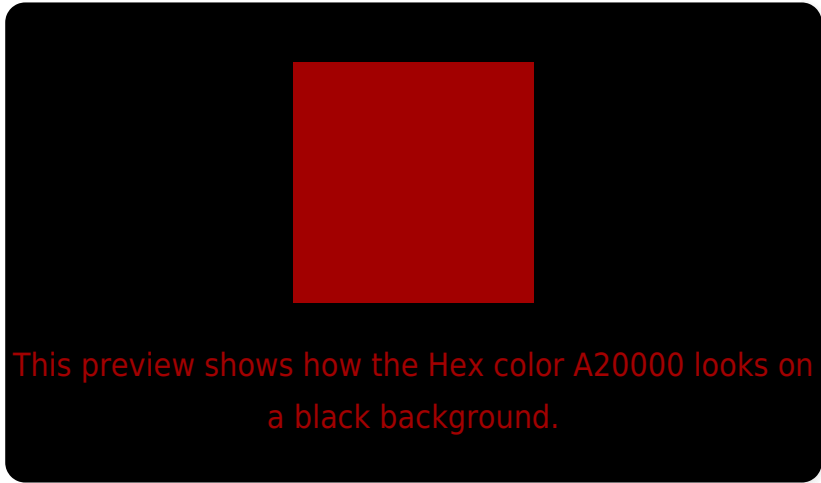
Large Text (above 18pt) WCAG AA ✓ Pass

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 A20000 Background



This preview shows how black text looks on a background with the Hex color A20000.



This preview shows how white text looks on a background with the Hex color A20000.

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
A20000

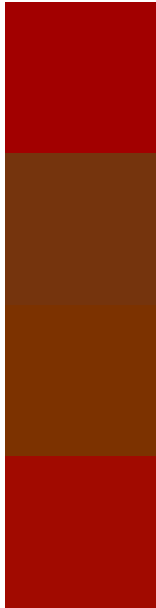
Protanopia
5C5215

Deuteranopia
674E00



Tritanopia
A10F00

Trichromacy



Original Color
A20000

Protanomaly
75340D

Deuteranomaly
7C3200

Tritanomaly
A10A00

Monochromacy



Original Color
A20000

Achromatopsia
303030

Achromatomaly
591F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex A20000 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 #A20000 looks like.

```
.text, #text, p{  
    color:#A20000  
}
```

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 #A20000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A20000
}
```

Border

The CSS property to change the border of an element to Hex A20000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

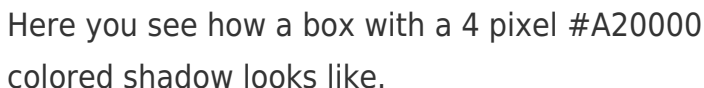
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A20000 }
```

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

```
.border{ border-color:#A20000 }
```

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



Here you see how a box with a 4 pixel `#A20000` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A20000; -webkit-box-shadow:4px 4px  
4px 4px #A20000; box-shadow:4px 4px 4px  
4px #A20000 }
```

Background

The CSS property to change the background color of an element to Hex A20000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A20000 }
```

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

```
.background{ background-color:#A20000 }
```

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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