

# Converting Colors

Hex(A20031)

Have a look what the booklet for  
Hex(A20031) contains.

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**Color**

**Hex(A20031)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A20031
RGB	162, 0, 49
RGB Percent	64%, 0%, 19%
CMY	0.3647, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.70, 0.36
HSL	342°, 100%, 32%
HSV	342°, 100%, 64%
XYZ	15.4547, 7.9031, 3.6166
YIQ	54.0240, 80.8230, 49.5830

# Conversions

## Conversions Part 2

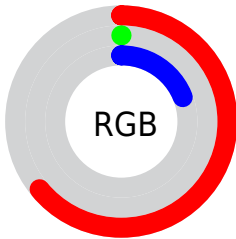
Format	Color
<a href="#">RYB</a>	162, 0, 49
Decimal	10616881
CIELab	33.78, 58.33, 21.54
CIElCh	34, 62.183, 20.265
Yxy	7.9031, 0.5729, 0.2930
Android (android.graphics.Color)	4288806961 (0xFFA20031)
YUV	54.0240, -2.4768, 94.6950
Hunter-Lab	28.1125, 48.9323, 12.0512

# Details

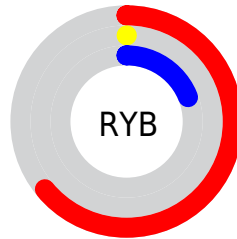
The Hex color **A20031** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A271**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **DF4C5F**, and **660003** is the 20% darker color. If you saturate the color by 10%, you get **A20031**, and if you desaturate by 10%, it is **A2103C**.

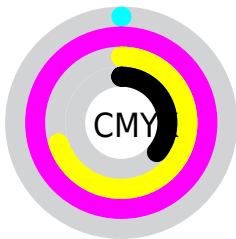
# Distribution



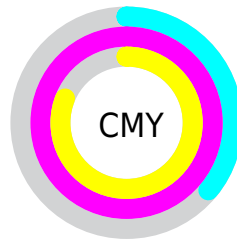
- Red (64%)
- Green (0%)
- Blue (19%)



- Red (64%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A20031 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 A20031 by changing the saturation by 10% instead.



 A20031

 A20031

FFFFFF

 84001C

 DF4C5F

 660003

 FF6877

 490001

 FF8491

 2C0001

 FFA1AC

 000000

 FFBDC7

 FFDAE3

 FFF8FF

 A20031

 A2103C

 A22048

 A23153

 A2415E

 A2516A

 A26175

 A27180

 A2828B

 A29297

# Harmonies

## Analogous

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



9D0062



A20031



902E00

# Triad

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



A20031



005F00



005BB2

# Complementary

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



A20031



00A271

# 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.



00629B



A20031



00633D

# Square

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



A20031



435700



006470



004AAD

# Rectangle

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



A20031



7C4000



006470



005EAD



# Sweetspot

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



A20031



D494A7



6F00A2



6B4550



EBEBEB



6B6B6B



# Same Dimension

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



A20031



D40040



A21E00



52494C



91002C



120005



# Inverse Universe

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



A20031



D40040



0084A2



52494C



91002C



120005



# Previews

## White Background



This preview shows how the Hex color A20031 looks on a white background.

## Color Contrast Check

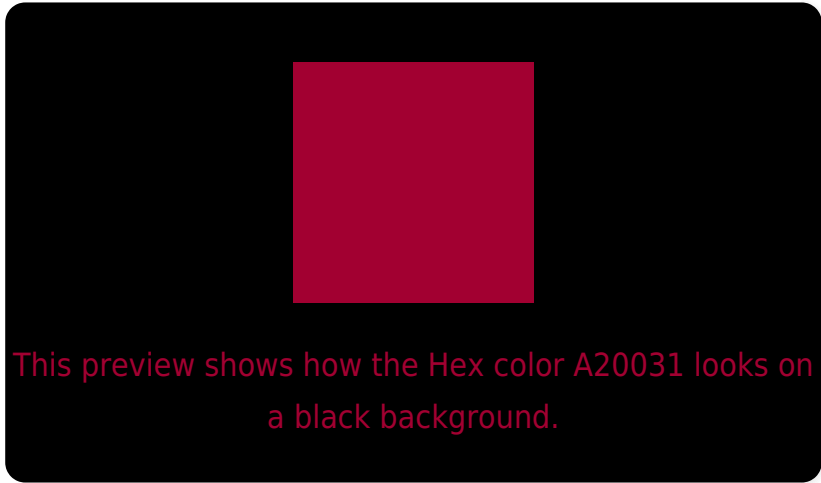
Large Text (above 18pt) WCAG AA ✓ Pass

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 A20031 Background



This preview shows how black text looks on a background with the Hex color A20031.



This preview shows how white text looks on a background with the Hex color A20031.

# 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**  
A20031

**Protanopia**  
565249

**Deuteranopia**  
664F29



**Tritanopia**  
A11410

# Trichromacy



**Original Color**  
A20031

**Protanomaly**  
723440

**Deuteranomaly**  
7C322C

**Tritanomaly**  
A10D1C

# Monochromacy



**Original Color**  
A20031

**Achromatopsia**  
363636

**Achromatomaly**  
5D2234

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A20031 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 #A20031 looks like.

```
.text, #text, p{  
    color:#A20031  
}
```

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 #A20031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A20031
}
```

## Border

The CSS property to change the border of an element to Hex A20031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

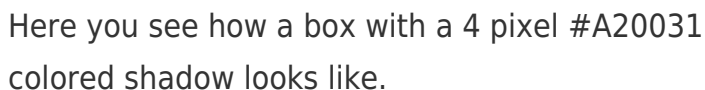
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A20031 }
```

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

```
.border{ border-color:#A20031 }
```

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



Here you see how a box with a 4 pixel #A20031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A20031; -webkit-box-shadow:4px 4px  
4px 4px #A20031; box-shadow:4px 4px 4px  
4px #A20031 }
```

# Background

The CSS property to change the background color of an element to Hex A20031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A20031 }
```

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

```
.background{ background-color:#A20031 }
```

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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