

# Converting Colors

Hex(A20B3B)

Have a look what the booklet for  
Hex(A20B3B) contains.

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# Color

**Hex(A20B3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A20B3B
RGB	162, 11, 59
RGB Percent	64%, 4%, 23%
CMY	0.3647, 0.9569, 0.7686
CMYK	0.00, 0.93, 0.64, 0.36
HSL	341°, 87%, 34%
HSV	341°, 93%, 64%
XYZ	15.8094, 8.2365, 4.8942
YIQ	61.6210, 74.5880, 46.9400

# Conversions

## Conversions Part 2

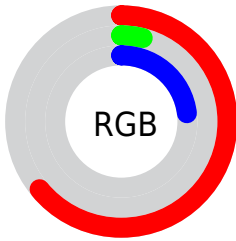
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 11, 59
Decimal	10619707
CIE <sub>Lab</sub>	34.47, 57.43, 15.91
CIE <sub>LCh</sub>	34, 59.593, 15.482
Yxy	8.2365, 0.5463, 0.2846
Android (android.graphics.Color)	4288809787 (0xFFA20B3B)
YUV	61.6210, -1.2922, 88.0324
Hunter-Lab	28.6993, 48.1053, 9.9785

# Details

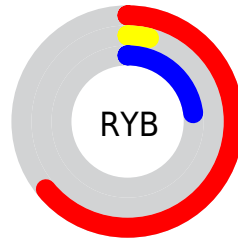
The Hex color **A20B3B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **0BA272**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **DF506A**, and **670012** is the 20% darker color. If you saturate the color by 10%, you get **A20033**, and if you desaturate by 10%, it is **A21B46**.

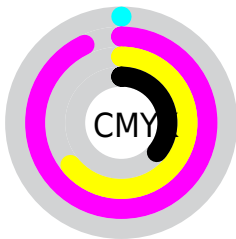
# Distribution



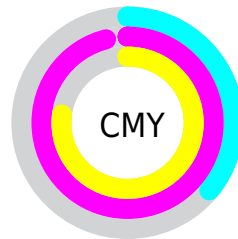
- Red (64%)
- Green (4%)
- Blue (23%)



- Red (64%)
- Yellow (4%)
- Blue (23%)



- Cyan (0%)
- Magenta (93%)
- Yellow (64%)
- Black (36%)



- Cyan (36%)
- Magenta (96%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A20B3B 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 A20B3B by changing the saturation by 10% instead.



 A20B3B

 A20B3B

FFFFFF

 840026

 DF506A

 670012

 FE6C83

 4A0001

 FF889D

 2D0002

 FFA4B8

 000000

 FFC1D3

 FFDEF0

 FFFBFF

 A20B3B

 A20B3B

 A20033

 A21B46

 A22B51

 A23C5C

 A24C67

 A25C72

 A26C7D

 A27C88

 A28D93

 A29D9E

# Harmonies

## Analogous

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



98146A



A20B3B



942D0B

# Triad

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



A20B3B



005F00



005DAE

# Complementary

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



A20B3B



0BA272

# 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.



006494



A20B3B



006437

# Square

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



A20B3B



4D5600



006569



004FAE

# Rectangle

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



A20B3B



823F00



006569



0060A8



# Sweetspot

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



A20B3B



D498AB



700BA2



6B4752



EBEBEB



6B6B6B



# Same Dimension

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



A20B3B



D40043



A2240B



52494C



91002E



120006



# Inverse Universe

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



A20B3B



D40043



0B89A2



52494C



91002E

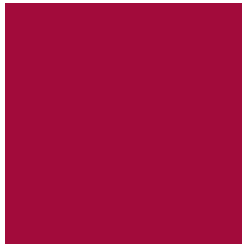


120006



# Previews

## White Background



This preview shows how the Hex color A20B3B looks on a white background.

## Color Contrast Check

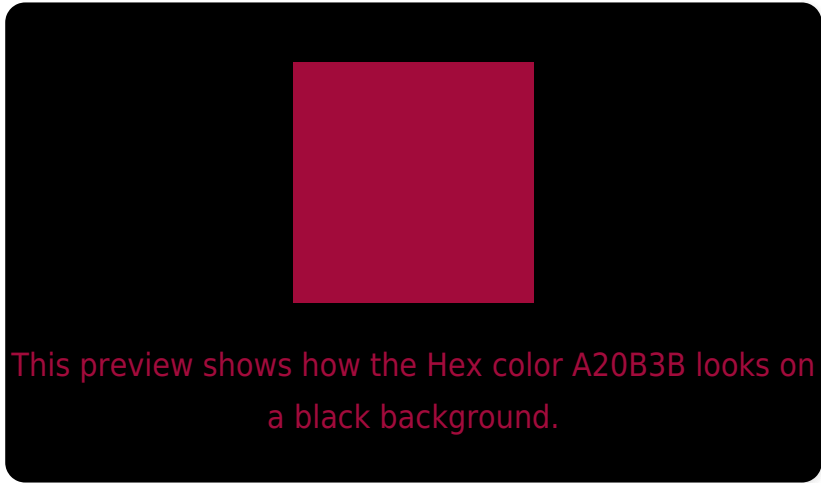
Large Text (above 18pt) WCAG AA ✓ Pass

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 A20B3B Background



This preview shows how black text looks on a background with the Hex color A20B3B.



This preview shows how white text looks on a background with the Hex color A20B3B.

# 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**  
A20B3B

**Protanopia**  
545356

**Deuteranopia**  
655034



# Trichromacy



**Original Color**  
A20B3B

**Protanomaly**  
70394C

**Deuteranomaly**  
7B3737

**Tritanomaly**  
A11425

# Monochromacy



**Original Color**  
A20B3B

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
622B3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A20B3B 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 #A20B3B looks like.

```
.text, #text, p{  
    color:#A20B3B  
}
```

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 #A20B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A20B3B
}
```

## Border

The CSS property to change the border of an element to Hex A20B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

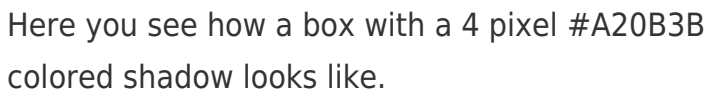
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A20B3B }
```

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

```
.border{ border-color:#A20B3B }
```

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



Here you see how a box with a 4 pixel `#A20B3B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A20B3B; -webkit-box-shadow:4px 4px  
4px 4px #A20B3B; box-shadow:4px 4px 4px  
4px #A20B3B }
```

# Background

The CSS property to change the background color of an element to Hex A20B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A20B3B }
```

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

```
.background{ background-color:#A20B3B }
```

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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