

# Converting Colors

Hex(BA2929)

Have a look what the booklet for  
Hex(BA2929) contains.

<b>Hex(BA2929)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BA2929)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA2929
RGB	186, 41, 41
RGB Percent	73%, 16%, 16%
CMY	0.2706, 0.8392, 0.8392
CMYK	0.00, 0.78, 0.78, 0.27
HSL	0°, 64%, 45%
HSV	0°, 78%, 73%
XYZ	21.4429, 12.1851, 3.3196
YIQ	84.3550, 86.4200, 30.7400

# Conversions

## Conversions Part 2

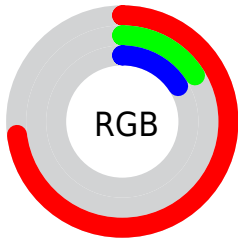
Format	Color
<a href="#">RYB</a>	<a href="#">186, 41, 41</a>
Decimal	<a href="#">12200233</a>
CIELab	<a href="#">41.51, 56.50, 36.67</a>
CIELCh	<a href="#">42, 67.358, 32.988</a>
Yxy	<a href="#">12.1851, 0.5804, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4290390313 (0xFFBA2929)</a>
YUV	<a href="#">84.3550, -21.3740, 89.1427</a>
Hunter-Lab	<a href="#">34.9071, 48.5622, 18.7966</a>

# Details

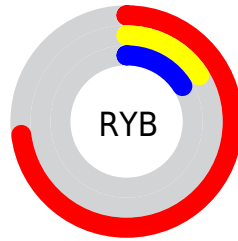
The Hex color **BA2929** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **29BABA**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F96357**, and **7D0000** is the 20% darker color. If you saturate the color by 10%, you get **BA1616**, and if you desaturate by 10%, it is **BA3C3C**.

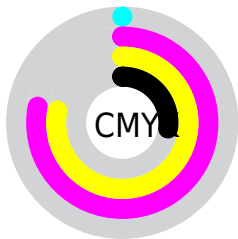
# Distribution



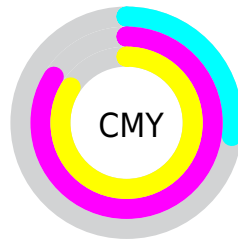
- Red (73%)
- Green (16%)
- Blue (16%)



- Red (73%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (27%)



- Cyan (27%)
- Magenta (84%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA2929 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 BA2929 by changing the saturation by 10% instead.



 BA2929

 BA2929

FFFFFF

 9B0014

 F96357

 7D0000

 FF7F70

 5E0000

 FF9B89

 420002

 FFB8A4

 220001

 FFD4BF

 000000

 FFF2DB

 FFFFF7

 BA2929

 BA2929

 BA1616

 BA3C3C

 BA0404

 BA4E4E

 BA0000

 BA6161

 BA7373

 BA8686

 BA9999

 BAABAB

 BABEBE

 BAD0D0

# Harmonies

## Analogous

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



C00A5F



BA2929



9E4B00

# Triad

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



BA2929



00762B



0068D2

# Complementary

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



BA2929



29BABA

# 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.



0074C5



BA2929



007966

# Square

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



BA2929



386F00



00799D



6350C0

# Rectangle

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



BA2929



825B00



00799D



006DD1



# Sweetspot

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



BA2929



F2BBBB



BA29BA



7A5858



FAFAFA



7A7A7A



# Same Dimension

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



BA2929



F20F0F



BA7229



5C5353



9C0000



1C0000



# Inverse Universe

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



29BABA



0FF2F2



2972BA



535C5C



009C9C



001C1C



# Previews

## White Background



This preview shows how the Hex color BA2929 looks on a white background.

## Color Contrast Check

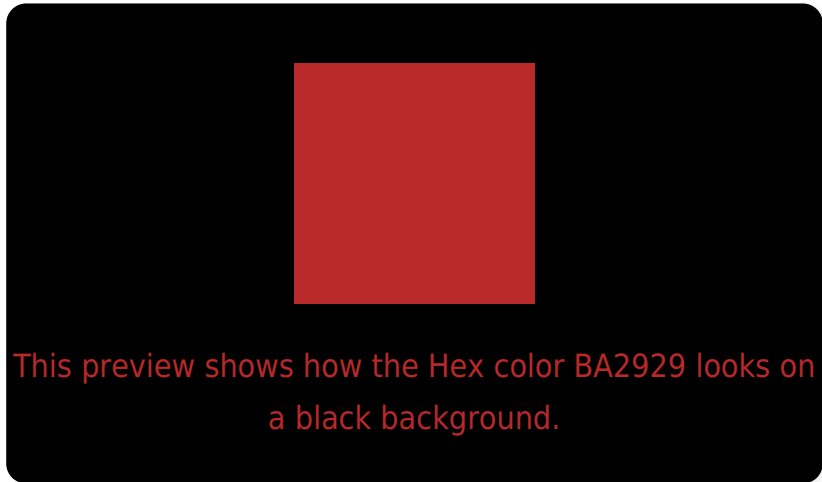
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 BA2929 Background



This preview shows how black text looks on a background with the Hex color BA2929.



This preview shows how white text looks on a background with the Hex color BA2929.

# 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**  
BA2929

**Protanopia**  
6C633A

**Deuteranopia**  
7C5E1E



# Trichromacy



**Original Color**  
BA2929

**Protanomaly**  
884E34

**Deuteranomaly**  
934B22

**Tritanomaly**  
BA292A

# Monochromacy



**Original Color**  
BA2929

**Achromatopsia**  
545454

**Achromatomaly**  
794444

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA2929 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 #BA2929 looks like.

```
.text, #text, p{  
    color:#BA2929  
}
```

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 #BA2929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA2929
}
```

## Border

The CSS property to change the border of an element to Hex BA2929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

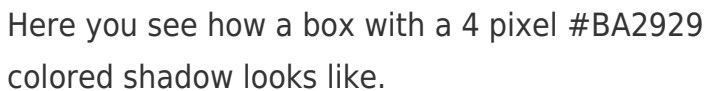
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA2929 }
```

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

```
.border{ border-color:#BA2929 }
```

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



Here you see how a box with a 4 pixel `#BA2929` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA2929; -webkit-box-shadow:4px 4px  
4px 4px #BA2929; box-shadow:4px 4px 4px  
4px #BA2929 }
```

# Background

The CSS property to change the background color of an element to Hex BA2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA2929 }
```

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

```
.background{ background-color:#BA2929 }
```

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