

# Converting Colors

Hex(BC2A35)

Have a look what the booklet for  
Hex(BC2A35) contains.

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# Color

Hex(BC2A35)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC2A35
RGB	188, 42, 53
RGB Percent	74%, 16%, 21%
CMY	0.2627, 0.8353, 0.7922
CMYK	0.00, 0.78, 0.72, 0.26
HSL	355°, 63%, 45%
HSV	355°, 78%, 74%
XYZ	22.2096, 12.6043, 4.6305
YIQ	86.9080, 83.4850, 34.3730

# Conversions

## Conversions Part 2

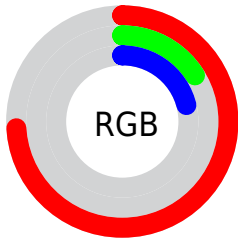
Format	Color
<a href="#">RYB</a>	<a href="#">188, 42, 53</a>
Decimal	<a href="#">12331573</a>
CIELab	<a href="#">42.16, 57.27, 30.47</a>
CIElCh	<a href="#">42, 64.873, 28.011</a>
Yxy	<a href="#">12.6043, 0.5631, 0.3195</a>
Android (android.graphics.Color)	<a href="#">4290521653</a> ( <a href="#">0xFFBC2A35</a> )
YUV	<a href="#">86.9080, -16.7166, 88.6577</a>
Hunter-Lab	<a href="#">35.5026, 49.5360, 17.1188</a>

# Details

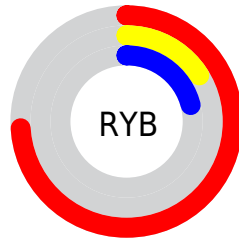
The Hex color **BC2A35** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2ABCB1**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FB6564**, and **7F000A** is the 20% darker color. If you saturate the color by 10%, you get **BC1724**, and if you desaturate by 10%, it is **BC3D46**.

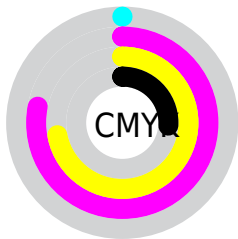
# Distribution



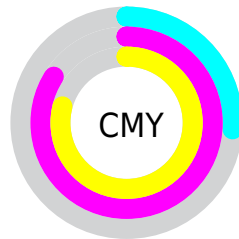
- Red (74%)
- Green (16%)
- Blue (21%)



- Red (74%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (78%)
- Yellow (72%)
- Black (26%)



- Cyan (26%)
- Magenta (84%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC2A35 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 BC2A35 by changing the saturation by 10% instead.



 BC2A35

 BC2A35

FFFFFF

 9D0020

 FB6564

 7F000A

 FF807D

 610000

 FF9D97

 440002

 FFB9B1

 250001

 FFD6CD

 000000

 FFF3E9

 BC2A35

 BC2A35

 BC1724

 BC3D46

 BC0412

 BC5058

 BC000E

 BC6269

 BC757B

 BC888C

 BC9B9D

 BC AEAF

 BCC0C0

 BCD3D1

# Harmonies

## Analogous

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



BD1B69



BC2A35



A44900

# Triad

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



BC2A35



007725



006CD0

# Complementary

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



BC2A35



2ABCB1

# 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.



0077BE



BC2A35



007A5E

# Square

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



BC2A35



486F00



007A95



5457C3

# Rectangle

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



BC2A35



8B5900



007A95



0070CD



# Sweetspot

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



BC2A35



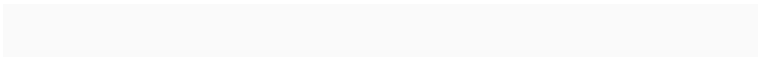
F5BCC1



B02ABC



7A585B



FAFAFA



7A7A7A



# Same Dimension

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



BC2A35



F51122



BC672A



5E5556



9E000C



1F0002



# Inverse Universe

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



BC2A35



F51122



2A7FBC



5E5556



9E000C



1F0002



# Previews

## White Background



This preview shows how the Hex color BC2A35 looks on a white background.

## Color Contrast Check

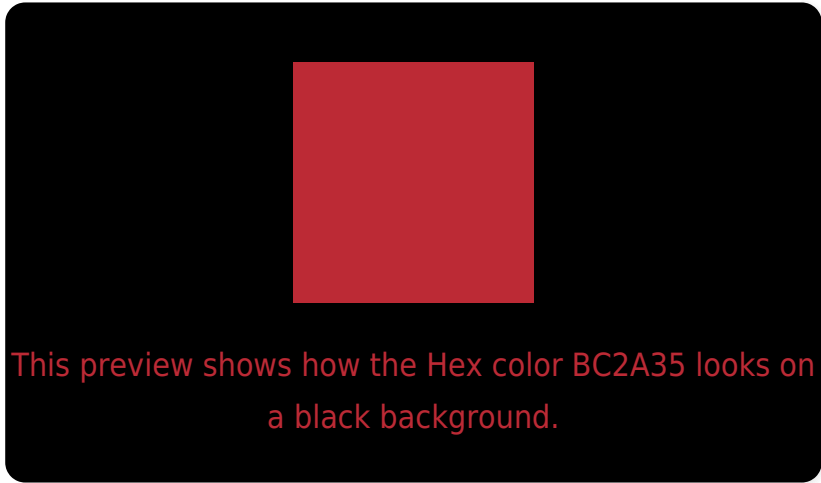
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC2A35 Background



This preview shows how black text looks on a background with the Hex color BC2A35.



This preview shows how white text looks on a background with the Hex color BC2A35.

# 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





# Trichromacy



**Original Color**  
BC2A35

**Protanomaly**  
894F42

**Deuteranomaly**  
944C2F

**Tritanomaly**  
BC2B2F

# Monochromacy



**Original Color**  
BC2A35

**Achromatopsia**  
575757

**Achromatomaly**  
7C474B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC2A35 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 #BC2A35 looks like.

```
.text, #text, p{  
    color:#BC2A35  
}
```

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 #BC2A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC2A35
}
```

## Border

The CSS property to change the border of an element to Hex BC2A35 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
#BC2A35 }
```

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

```
.border{ border-color:#BC2A35 }
```

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

Here you see how a box with a 4 pixel #BC2A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC2A35; -webkit-box-shadow:4px 4px  
4px 4px #BC2A35; box-shadow:4px 4px 4px  
4px #BC2A35 }
```

# Background

The CSS property to change the background color of an element to Hex BC2A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC2A35 }
```

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

```
.background{ background-color:#BC2A35 }
```

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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