

# Converting Colors

Hex(B32941)

Have a look what the booklet for  
Hex(B32941) contains.

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# Color

**Hex(B32941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B32941
RGB	179, 41, 65
RGB Percent	70%, 16%, 25%
CMY	0.2980, 0.8392, 0.7451
CMYK	0.00, 0.77, 0.64, 0.30
HSL	350°, 63%, 43%
HSV	350°, 77%, 70%
XYZ	20.3375, 11.5512, 6.1587
YIQ	84.9980, 74.5440, 36.7200

# Conversions

## Conversions Part 2

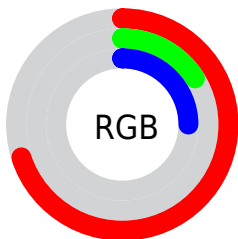
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	179, 41, 65
Decimal	11741505
CIE Lab	40.49, 55.55, 20.63
CIE LCh	40, 59.258, 20.374
Yxy	11.5512, 0.5345, 0.3036
Android (android.graphics.Color)	4289931585 (0xFFB32941)
YUV	84.9980, -9.8590, 82.4398
Hunter-Lab	33.9871, 47.3348, 13.0472

# Details

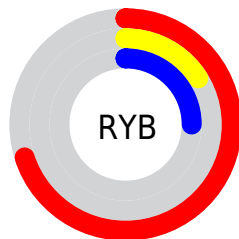
The Hex color **B32941** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **29B39B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **F06371**, and **770017** is the 20% darker color. If you saturate the color by 10%, you get **B31732**, and if you desaturate by 10%, it is **B33B50**.

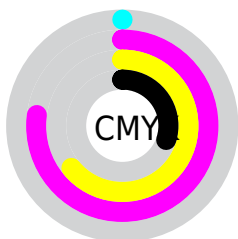
# Distribution



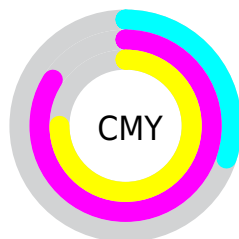
- Red (70%)
- Green (16%)
- Blue (25%)



- Red (70%)
- Yellow (16%)
- Blue (25%)



- Cyan (0%)
- Magenta (77%)
- Yellow (64%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (75%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B32941 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 B32941 by changing the saturation by 10% instead.



 B32941

 B32941

FFFFFF

 95002B

 F06371

 770017

 FF7F8A

 5A0000

 FF9AA4

 3F0002

 FFB7BF

 1C0001

 FFD4DB

 000000

 FFF1F8

 B32941

 B32941

 B31732

 B33B50

 B30523

 B34D5F

 B3001F

 B35F6D

 B3717C

 B3838B

 B3949A

 B3A6A9

 B3B8B7

 B3CAC6

# Harmonies

## Analogous

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



AD2871



B32941



A24111

# Triad

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



B32941



00701A



006AC0

# Complementary

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



B32941



29B39B

# 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.



0072AA



B32941



00744E

# Square

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



B32941



556700



007580



335ABB

# Rectangle

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



B32941



8D5100



007580



006EBB



# Sweetspot

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



B32941



E8B3BC



9A29B3



75545A



F5F5F5



757575



# Same Dimension

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



B32941



E81036



B35529



595052



99001B



1A0004



# Inverse Universe

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



B32941



E81036



2987B3



595052



99001B



1A0004



# Previews

## White Background



This preview shows how the Hex color B32941 looks on a white background.

## Color Contrast Check

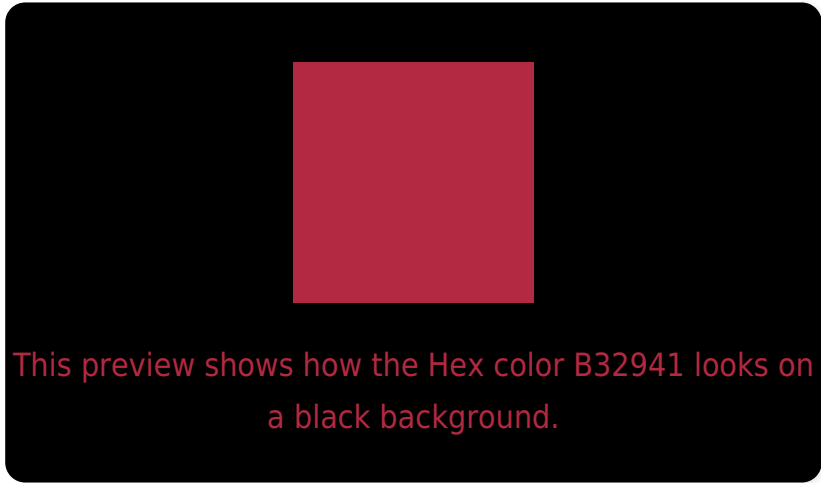
Large Text (above 18pt) WCAG AA ✓ Pass

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 B32941 Background



This preview shows how black text looks on a background with the Hex color B32941.



This preview shows how white text looks on a background with the Hex color B32941.

# 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



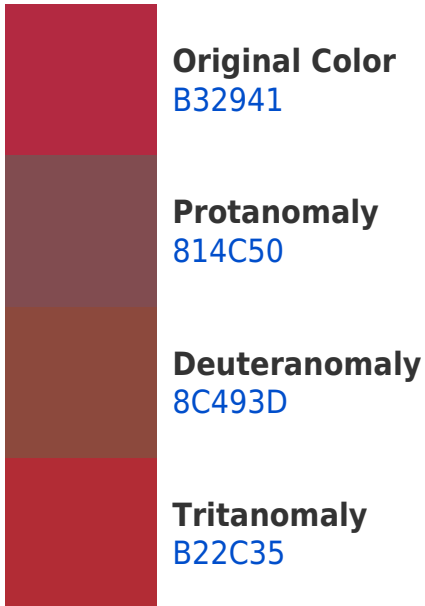
**Original Color**  
B32941

**Protanopia**  
646058

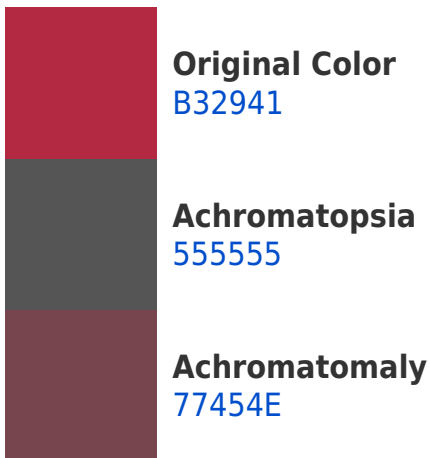
**Deuteranopia**  
755C3A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B32941 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 #B32941 looks like.

```
.text, #text, p{  
    color:#B32941  
}
```

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 #B32941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B32941
}
```

## Border

The CSS property to change the border of an element to Hex B32941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

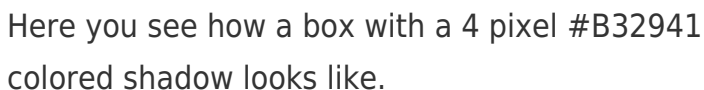
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B32941 }
```

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

```
.border{ border-color:#B32941 }
```

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



Here you see how a box with a 4 pixel #B32941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B32941; -webkit-box-shadow:4px 4px  
4px 4px #B32941; box-shadow:4px 4px 4px  
4px #B32941 }
```

# Background

The CSS property to change the background color of an element to Hex B32941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B32941 }
```

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

```
.background{ background-color:#B32941 }
```

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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