

Converting Colors

Hex(B32345)

Have a look what the booklet for
Hex(B32345) contains.

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Color

Hex(B32345)

Conversions

Conversions Part 1

Format	Color
Hex	B32345
RGB	179, 35, 69
RGB Percent	70%, 14%, 27%
CMY	0.2980, 0.8627, 0.7294
CMYK	0.00, 0.80, 0.61, 0.30
HSL	346°, 67%, 42%
HSV	346°, 80%, 70%
XYZ	20.2656, 11.2154, 6.7269
YIQ	81.9320, 74.9100, 41.1020

Conversions

Conversions Part 2

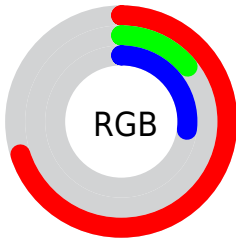
Format	Color
R _Y B	179, 35, 69
Decimal	11739973
CIE Lab	39.94, 57.58, 17.39
CIE LCh	40, 60.148, 16.801
Yxy	11.2154, 0.5304, 0.2935
Android (android.graphics.Color)	4289930053 (0xFFB32345)
YUV	81.9320, -6.3755, 85.1286
Hunter-Lab	33.4895, 49.4099, 11.5333

Details

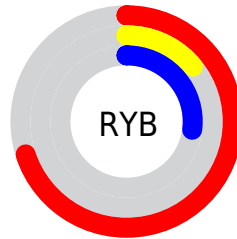
The Hex color **B32345** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **23B391**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **F05F75**, and **77001B** is the 20% darker color. If you saturate the color by 10%, you get **B31137**, and if you desaturate by 10%, it is **B33553**.

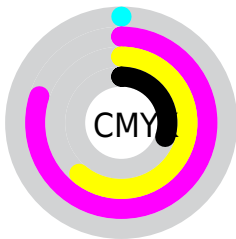
Distribution



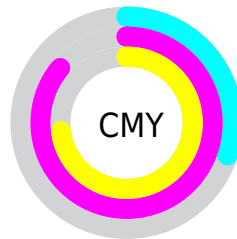
- Red (70%)
- Green (14%)
- Blue (27%)



- Red (70%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B32345 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 B32345 by changing the saturation by 10% instead.

 B32345

 B32345

FFFFFF

 95002F

 F05F75

 77001B

 FF7B8E

 5A0000

 FF97A9

 3F0003

 FFB3C4

 1B0001

 FFD0E0

 000000

 FFEDFC

 B32345

 B32345

 B31137

 B33553

 B3002A

 B34760

 B3596E

 B36B7C

 B37C89

 B38E97

 B3A0A5

 B3B2B2

 B3C4C0

Harmonies

Analogous

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



AA2676



B32345



A43C15

Triad

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



B32345



106E0F



006ABE

Complementary

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



B32345



23B391

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.



0072A5



B32345



007246

Square

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



B32345



596400



007479



105BBD

Rectangle

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



B32345



904D00



007479



006DB9

Sweetspot

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



B32345



E8B0BE



8F23B3



75535B



F5F5F5



757575

Same Dimension

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



B32345



E8073C



B34723



595052



990024



1A0006

Inverse Universe

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



B32345



E8073C



238FB3



595052



990024



1A0006

Previews

White Background



This preview shows how the Hex color B32345 looks on a white background.

Color Contrast Check

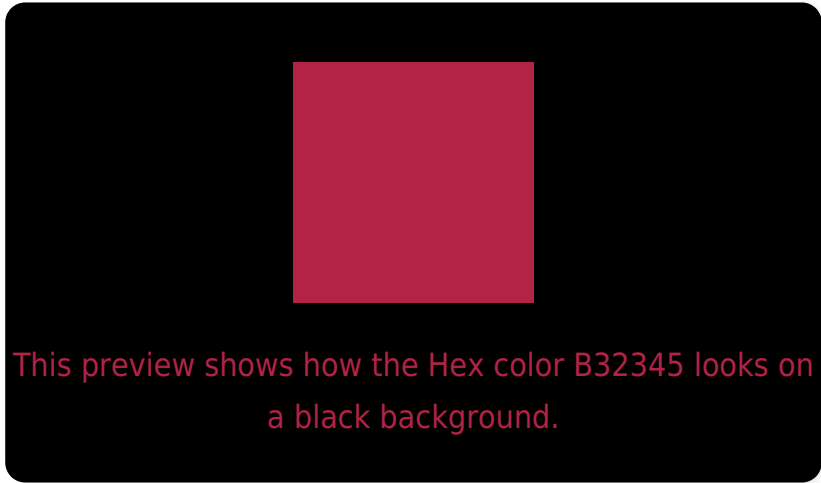
Large Text (above 18pt) WCAG AA ✓ Pass

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 B32345 Background



This preview shows how black text looks on a background with the Hex color B32345.

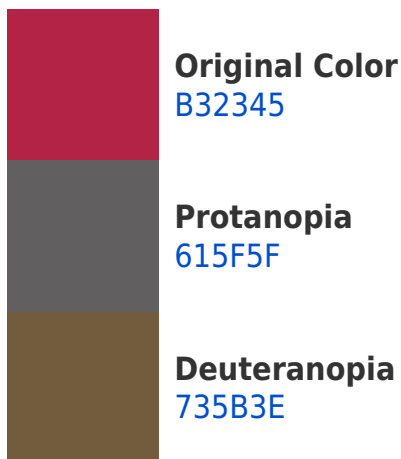


This preview shows how white text looks on a background with the Hex color B32345.

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
B32345

Protanomaly
7F4956

Deuteranomaly
8A4741

Tritanomaly
B22734

Monochromacy



Original Color
B32345

Achromatopsia
525252

Achromatomaly
75414D

CSS Examples

Text

The CSS property to change the color of the text to Hex B32345 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 #B32345 looks like.

```
.text, #text, p{  
    color:#B32345  
}
```

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 #B32345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B32345
}
```

Border

The CSS property to change the border of an element to Hex B32345 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".

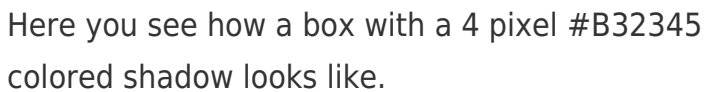
```
.border, #border, table{ border:4px solid
#B32345 }
```

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

```
.border{ border-color:#B32345 }
```

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

Here you see how a box with a 4 pixel #B32345 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B32345; -webkit-box-shadow:4px 4px  
4px 4px #B32345; box-shadow:4px 4px 4px  
4px #B32345 }
```

Background

The CSS property to change the background color of an element to Hex B32345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B32345 }
```

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

```
.background{ background-color:#B32345 }
```

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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