

Converting Colors

Hex(B32486)

Have a look what the booklet for
Hex(B32486) contains.

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Color

Hex(B32486)

Conversions

Conversions Part 1

Format	Color
Hex	B32486
RGB	179, 36, 134
RGB Percent	70%, 14%, 53%
CMY	0.2980, 0.8588, 0.4745
CMYK	0.00, 0.80, 0.25, 0.30
HSL	319°, 67%, 42%
HSV	319°, 80%, 70%
XYZ	23.5244, 12.5667, 23.7400
YIQ	89.9290, 53.7700, 60.7940

Conversions

Conversions Part 2

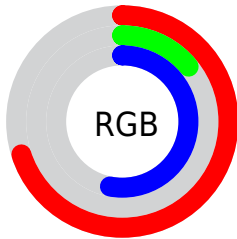
Format	Color
R_{YB}	179, 36, 134
Decimal	11740294
CIE _{Lab}	42.10, 63.48, -20.20
CIE _{LCh}	42, 66.620, 342.351
Yxy	12.5667, 0.3932, 0.2100
Android (android.graphics.Color)	4289930374 (0xFFB32486)
YUV	89.9290, 21.7270, 78.1153
Hunter-Lab	35.4495, 56.4162, -14.8909

Details

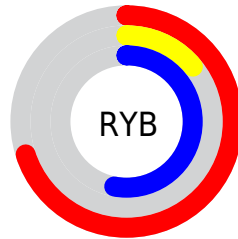
The Hex color **B32486** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **24B351**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **EE62BB**, and **7A0054** is the 20% darker color. If you saturate the color by 10%, you get **B31280**, and if you desaturate by 10%, it is **B3368C**.

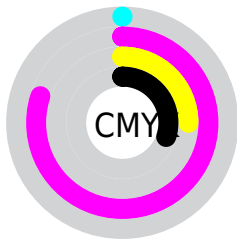
Distribution



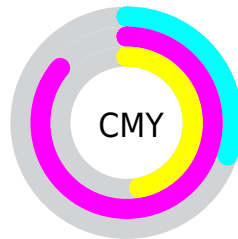
- Red (70%)
- Green (14%)
- Blue (53%)



- Red (70%)
- Yellow (14%)
- Blue (53%)



- Cyan (0%)
- Magenta (80%)
- Yellow (25%)
- Black (30%)



- Cyan (30%)
- Magenta (86%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color B32486 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 B32486 by changing the saturation by 10% instead.

 B32486

 B32486

FFFFFF

 96006D

 EE62BB

 7A0054

 FF7ED7

 5E003D

 FF9BF4

 440027

 FFB7FF

 280010

 FFD4FF

 000000

 FFF2FF

 B32486

 B32486

 B31280

 B3368C

 B3007B

 B34891

 B35A97

 B36C9D

 B37EA2

 B38FA8

 B3A1AD

 B3B3B3

 B3C5B9

Harmonies

Analogous

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



8048B6



B32486



C2164F

Triad

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



B32486



656800



007AAD

Complementary

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



B32486



24B351

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.



007B79



B32486



1C7300

Square

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



B32486



935500



007940



0073CD

Rectangle

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



B32486



BB2B2C



007940



007A9D

Sweetspot

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



B32486



E8B0D7



4F24B3



75536B



F5F5F5



757575

Same Dimension

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



B32486



E809A2



B32441



595056



990069



1A0011

Inverse Universe

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



B32486



E809A2



24B396



595056



990069



1A0011

Previews

White Background



This preview shows how the Hex color B32486 looks on a white background.

Color Contrast Check

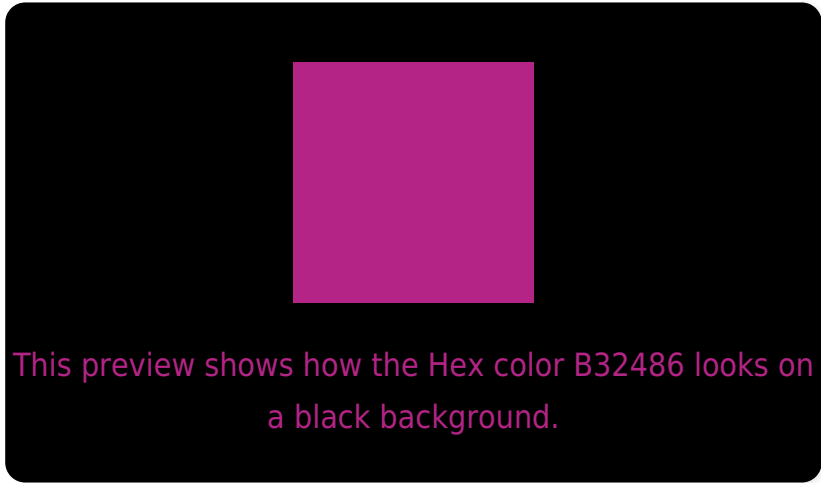
Large Text (above 18pt) WCAG AA ✓ Pass

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

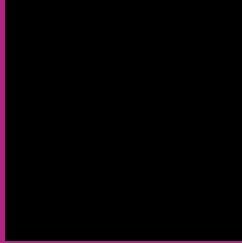
Any Text WCAG AA × Fail

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 B32486 Background



This preview shows how black text looks on a background with the Hex color B32486.



This preview shows how white text looks on a background with the Hex color B32486.

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
B32486



Protanomaly
684BA4



Deuteranomaly
7F4B81

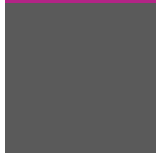


Tritanomaly
AF3459

Monochromacy



Original Color
B32486



Achromatopsia
5A5A5A



Achromatomaly
7A466A

CSS Examples

Text

The CSS property to change the color of the text to Hex B32486 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 #B32486 looks like.

```
.text, #text, p{  
    color:#B32486  
}
```

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 #B32486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B32486
}
```

Border

The CSS property to change the border of an element to Hex B32486 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
#B32486 }
```

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

```
.border{ border-color:#B32486 }
```

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

Here you see how a box with a 4 pixel #B32486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B32486; -webkit-box-shadow:4px 4px  
4px 4px #B32486; box-shadow:4px 4px 4px  
4px #B32486 }
```

Background

The CSS property to change the background color of an element to Hex B32486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B32486 }
```

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

```
.background{ background-color:#B32486 }
```

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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