

Converting Colors

Hex(B31856)

Have a look what the booklet for
Hex(B31856) contains.

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Color

Hex(B31856)

Conversions

Conversions Part 1

Format	Color
Hex	B31856
RGB	179, 24, 86
RGB Percent	70%, 9%, 34%
CMY	0.2980, 0.9059, 0.6627
CMYK	0.00, 0.87, 0.52, 0.30
HSL	336°, 76%, 40%
HSV	336°, 87%, 70%
XYZ	20.5968, 10.9089, 9.8241
YIQ	77.4130, 72.4780, 52.1420

Conversions

Conversions Part 2

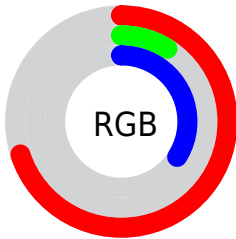
Format	Color
R_{YB}	179, 24, 86
Decimal	11737174
CIE _{Lab}	39.43, 61.42, 5.86
CIE _{LCh}	39, 61.695, 5.450
Yxy	10.9089, 0.4984, 0.2639
Android (android.graphics.Color)	4289927254 (0xFFB31856)
YUV	77.4130, 4.2334, 89.0918
Hunter-Lab	33.0286, 53.5134, 5.4845

Details

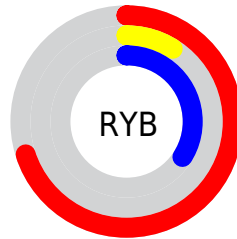
The Hex color **B31856** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **18B375**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **F05987**, and **780029** is the 20% darker color. If you saturate the color by 10%, you get **B3064B**, and if you desaturate by 10%, it is **B32A61**.

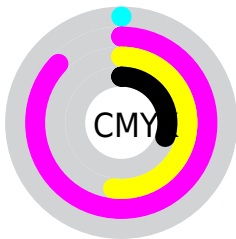
Distribution



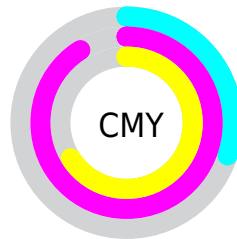
- Red (70%)
- Green (9%)
- Blue (34%)



- Red (70%)
- Yellow (9%)
- Blue (34%)



- Cyan (0%)
- Magenta (87%)
- Yellow (52%)
- Black (30%)



- Cyan (30%)
- Magenta (91%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color B31856 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 B31856 by changing the saturation by 10% instead.

 B31856

 B31856

FFFFFF

 95003F

 F05987

 780029

 FF76A2

 5B0015

 FF92BC

 400003

 FFAFD8

 1D0001

 FFCCF5

 000000

 FFE9FF

 B31856

 B31856

 B3064B

 B32A61

 B30048

 B33C6B

 B34E76

 B36081

 B3718C

 B38396

 B395A1

 B3A7AC

 B3B9B7

Harmonies

Analogous

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



9E2C88



B31856



AC2E25

Triad

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



B31856



336A00



006DB9

Complementary

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



B31856



18B375

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.



007296



B31856



007030

Square

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



B31856



695E00



007265



0061C2

Rectangle

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



B31856



9C4200



007265



006FB0

Sweetspot

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



B31856



E8ACC4



7518B3



75515F



F5F5F5



757575

Same Dimension

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



B31856



E8005D



B32718



595054



99003D



1A000A

Inverse Universe

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



B31856



E8005D



18A3B3



595054



99003D



1A000A

Previews

White Background



This preview shows how the Hex color B31856 looks on a white background.

Color Contrast Check

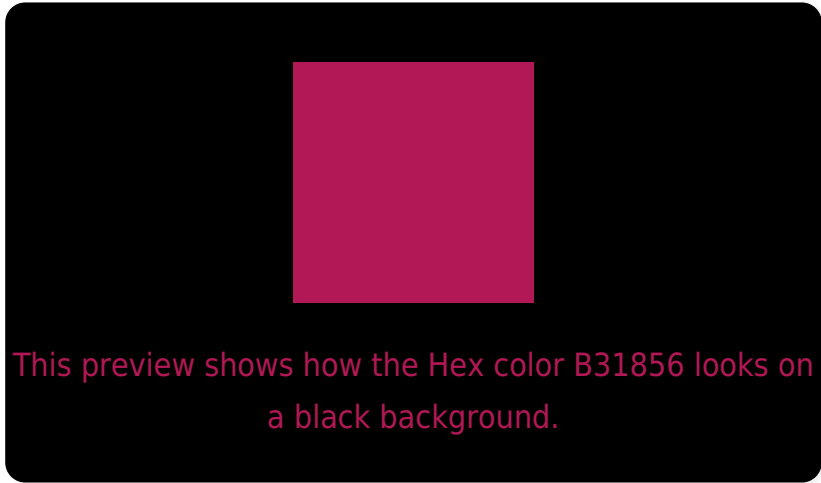
Large Text (above 18pt) WCAG AA ✓ Pass

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 B31856 Background



This preview shows how black text looks on a background with the Hex color B31856.



This preview shows how white text looks on a background with the Hex color B31856.

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
B31856

Protanopia
575D79

Deuteranopia
6D5B4F



Tritanopia
B12828

Trichromacy



Original Color
B31856

Protanomaly
78446C

Deuteranomaly
864352

Tritanomaly
B22239

Monochromacy



Original Color
B31856

Achromatopsia
4D4D4D

Achromatomaly
723A50

CSS Examples

Text

The CSS property to change the color of the text to Hex B31856 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 #B31856 looks like.

```
.text, #text, p{  
    color:#B31856  
}
```

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 #B31856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31856  
}
```

Border

The CSS property to change the border of an element to Hex B31856 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".

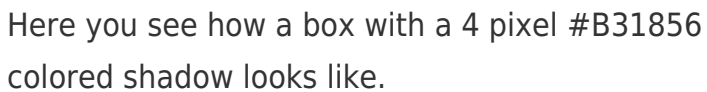
```
.border, #border, table{ border:4px solid  
#B31856 }
```

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

```
.border{ border-color:#B31856 }
```

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

Here you see how a box with a 4 pixel #B31856 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31856; -webkit-box-shadow:4px 4px  
4px 4px #B31856; box-shadow:4px 4px 4px  
4px #B31856 }
```

Background

The CSS property to change the background color of an element to Hex B31856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31856 }
```

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

```
.background{ background-color:#B31856 }
```

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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