

Converting Colors

Hex(B31D58)

Have a look what the booklet for
Hex(B31D58) contains.

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Color

Hex(B31D58)

Conversions

Conversions Part 1

Format	Color
Hex	B31D58
RGB	179, 29, 88
RGB Percent	70%, 11%, 35%
CMY	0.2980, 0.8863, 0.6549
CMYK	0.00, 0.84, 0.51, 0.30
HSL	336°, 72%, 41%
HSV	336°, 84%, 70%
XYZ	20.7912, 11.1670, 10.2921
YIQ	80.5760, 70.4610, 50.1490

Conversions

Conversions Part 2

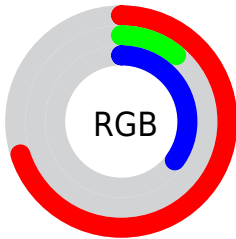
Format	Color
R_{YB}	179, 29, 88
Decimal	11738456
CIE Lab	39.86, 60.49, 5.21
CIE LCh	40, 60.712, 4.918
Yxy	11.1670, 0.4921, 0.2643
Android (android.graphics.Color)	4289928536 (0xFFB31D58)
YUV	80.5760, 3.6600, 86.3178
Hunter-Lab	33.4171, 52.5781, 5.1312

Details

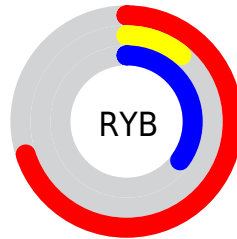
The Hex color **B31D58** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **1DB378**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F05C8A**, and **78002B** is the 20% darker color. If you saturate the color by 10%, you get **B30B4D**, and if you desaturate by 10%, it is **B32F63**.

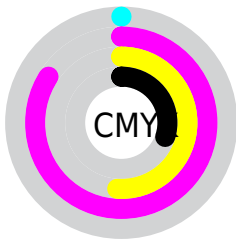
Distribution



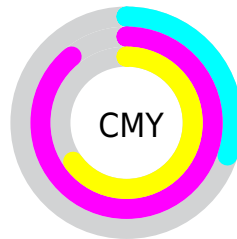
- Red (70%)
- Green (11%)
- Blue (35%)



- Red (70%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (84%)
- Yellow (51%)
- Black (30%)



- Cyan (30%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color B31D58 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 B31D58 by changing the saturation by 10% instead.

 B31D58

 B31D58

FFFFFF

 950041

 F05C8A

 78002B

 FF78A4

 5B0017

 FF95BF

 410003

 FFB1DB

 1E0001

 FFCE7

 000000

 FFE8FF

 B31D58

 B31D58

 B30B4D

 B32F63

 B30046

 B3416E

 B35379

 B36583

 B3778E

 B38899

 B39AA4

 B3ACAF

 B3BEBA

Harmonies

Analogous

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



9E3089



B31D58



AD3028

Triad

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



B31D58



366B00



006EB8

Complementary

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



B31D58



1DB378

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.



007396



B31D58



007131

Square

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



B31D58



6B5F00



007365



0062C2

Rectangle

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



B31D58



9D4302



007365



0070AF

Sweetspot

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



B31D58



E8AEC5



771DB3



755260



F5F5F5



757575

Same Dimension

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



B31D58



E8005B



B32C1D



595054



99003C



1A000A

Inverse Universe

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



B31D58



E8005B



1DA4B3



595054



99003C



1A000A

Previews

White Background



This preview shows how the Hex color B31D58 looks on a white background.

Color Contrast Check

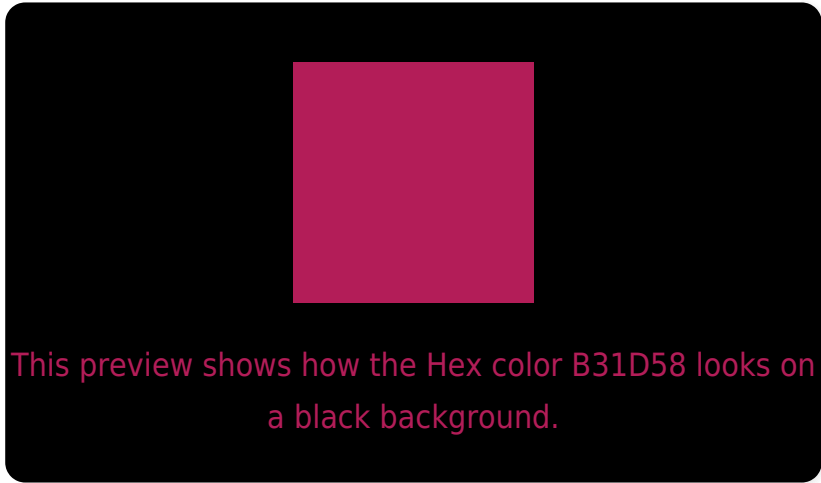
Large Text (above 18pt) WCAG AA ✓ Pass

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 B31D58 Background



This preview shows how black text looks on a background with the Hex color B31D58.



This preview shows how white text looks on a background with the Hex color B31D58.

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
B31D58

Protanomaly
79466E

Deuteranomaly
874554

Tritanomaly
B2263C

Monochromacy



Original Color
B31D58

Achromatopsia
515151

Achromatomaly
753E54

CSS Examples

Text

The CSS property to change the color of the text to Hex B31D58 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 #B31D58 looks like.

```
.text, #text, p{  
    color:#B31D58  
}
```

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 #B31D58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B31D58  
}
```

Border

The CSS property to change the border of an element to Hex B31D58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

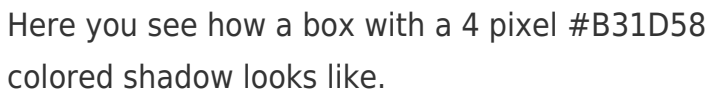
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B31D58 }
```

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

```
.border{ border-color:#B31D58 }
```

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



Here you see how a box with a 4 pixel #B31D58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B31D58; -webkit-box-shadow:4px 4px  
4px 4px #B31D58; box-shadow:4px 4px 4px  
4px #B31D58 }
```

Background

The CSS property to change the background color of an element to Hex B31D58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B31D58 }
```

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

```
.background{ background-color:#B31D58 }
```

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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