

Converting Colors

Hex(B24141)

Have a look what the booklet for
Hex(B24141) contains.

Hex(B24141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B24141)

Conversions

Conversions Part 1

Format	Color
Hex	B24141
RGB	178, 65, 65
RGB Percent	70%, 25%, 25%
CMY	0.3020, 0.7451, 0.7451
CMYK	0.00, 0.63, 0.63, 0.30
HSL	0°, 47%, 48%
HSV	0°, 63%, 70%
XYZ	21.2045, 13.6272, 6.5137
YIQ	98.7870, 67.3480, 23.9560

Conversions

Conversions Part 2

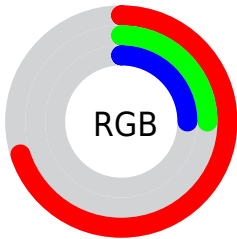
Format	Color
R _Y B	178, 65, 65
Decimal	11682113
CIE Lab	43.69, 45.95, 24.70
CIE LCh	44, 52.168, 28.259
Yxy	13.6272, 0.5129, 0.3296
Android (android.graphics.Color)	4289872193 (0xFFB24141)
YUV	98.7870, -16.6570, 69.4698
Hunter-Lab	36.9151, 37.9315, 15.3787

Details

The Hex color **B24141** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **41B2B2**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **EF7671**, and **770116** is the 20% darker color. If you saturate the color by 10%, you get **B22F2F**, and if you desaturate by 10%, it is **B25353**.

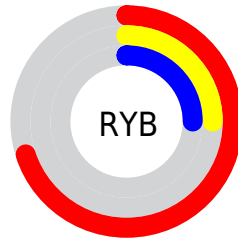
Distribution



Red (70%)

Green (25%)

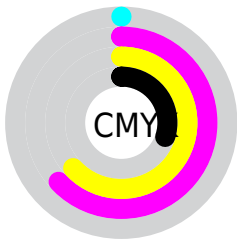
Blue (25%)



Red (70%)

Yellow (25%)

Blue (25%)

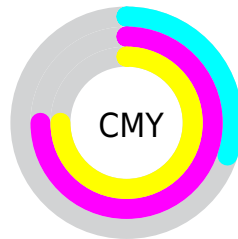


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (30%)



Cyan (30%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color B24141 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 B24141 by changing the saturation by 10% instead.

 B24141

 B24141

FFFFFF

 94262B

 EF7671

 770116

 FF918A

 5B0000

 FFADA5

 3E0000

 FFC9C0

 210001

 FFE6DC

 000000

 FFFFF8

 B24141

 B24141

 B22F2F

 B25353

 B21D1D

 B26565

 B20C0C

 B27676

 B20000

 B28888

 B29A9A

 B2ACAC

 B2BEBE

 B2CFCF

 B2E1E1

Harmonies

Analogous

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



B23B6C



B24141



9F531B

Triad

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



B24141



007837



006DBE

Complementary

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



B24141



41B2B2

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.



0077B1



B24141



007B63

Square

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



B24141



54710D



007B8F



615DB4

Rectangle

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



B24141



8A5F01



007B8F



0071BC

Sweetspot

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



B24141



E8BCBC



B241B2



755A5A



F5F5F5



757575

Same Dimension

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



B24141



E83838



B27A41



595050



990000



1A0000

Inverse Universe

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



41B2B2



38E8E8



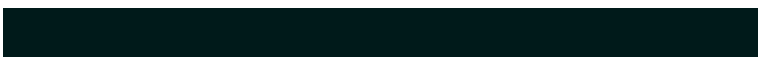
417AB2



505959



009999



001A1A

Previews

White Background



This preview shows how the Hex color B24141 looks on a white background.

Color Contrast Check

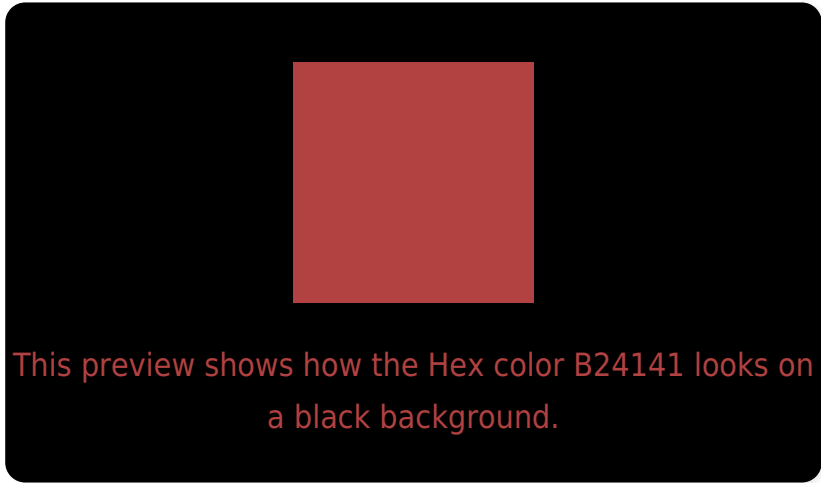
Large Text (above 18pt) WCAG AA ✓ Pass

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 B24141 Background



This preview shows how black text looks on a background with the Hex color B24141.

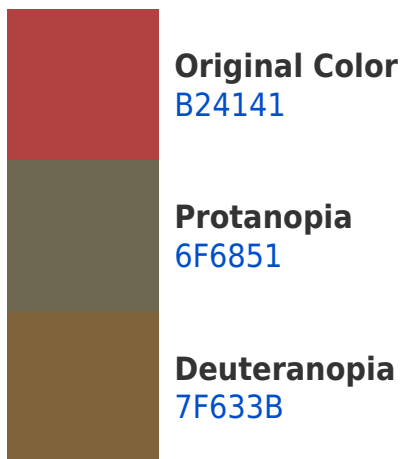


This preview shows how white text looks on a background with the Hex color B24141.

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



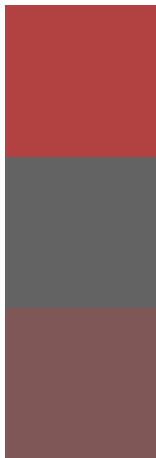
Original Color
B24141

Protanomaly
875A4B

Deuteranomaly
92573D

Tritanomaly
B24043

Monochromacy



Original Color
B24141

Achromatopsia
636363

Achromatomaly
805757

CSS Examples

Text

The CSS property to change the color of the text to Hex B24141 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 #B24141 looks like.

```
.text, #text, p{  
    color:#B24141  
}
```

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 #B24141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B24141
}
```

Border

The CSS property to change the border of an element to Hex B24141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

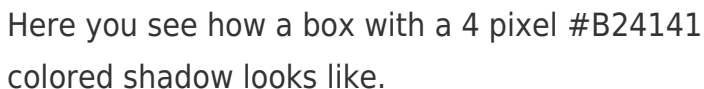
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B24141 }
```

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

```
.border{ border-color:#B24141 }
```

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



Here you see how a box with a 4 pixel #B24141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B24141; -webkit-box-shadow:4px 4px  
4px 4px #B24141; box-shadow:4px 4px 4px  
4px #B24141 }
```

Background

The CSS property to change the background color of an element to Hex B24141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B24141 }
```

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

```
.background{ background-color:#B24141 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor