

Converting Colors

Hex(B03D21)

Have a look what the booklet for
Hex(B03D21) contains.

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Color

Hex(B03D21)

Conversions

Conversions Part 1

Format	Color
Hex	B03D21
RGB	176, 61, 33
RGB Percent	69%, 24%, 13%
CMY	0.3098, 0.7608, 0.8706
CMYK	0.00, 0.65, 0.81, 0.31
HSL	12°, 68%, 41%
HSV	12°, 81%, 69%
XYZ	19.8478, 12.6774, 2.8397
YIQ	92.1930, 77.5280, 15.6720

Conversions

Conversions Part 2

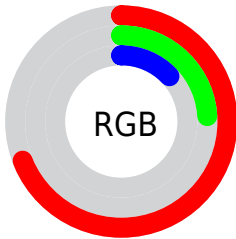
Format	Color
R_{YB}	176, 68, 33
Decimal	11549985
CIE _{Lab}	42.27, 45.46, 41.16
CIE _{LCh}	42, 61.326, 42.157
Yxy	12.6774, 0.5612, 0.3585
Android (android.graphics.Color)	4289740065 (0xFFB03D21)
YUV	92.1930, -29.1821, 73.4987
Hunter-Lab	35.6053, 37.1933, 20.1950

Details

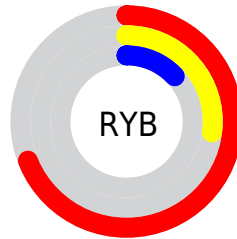
The Hex color **B03D21** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **2194B0**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **EE7250**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B02F0F**, and if you desaturate by 10%, it is **B04B33**.

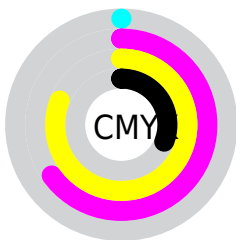
Distribution



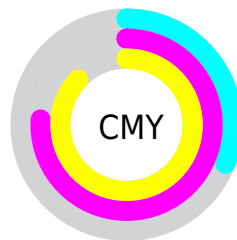
- Red (69%)
- Green (24%)
- Blue (13%)



- Red (69%)
- Yellow (27%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (81%)
- Black (31%)



- Cyan (31%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color B03D21 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 B03D21 by changing the saturation by 10% instead.

 B03D21

 B03D21

FFFFFF

 92210A

 EE7250

 740000

 FF8D68

 560000

 FFA882

 3B0001

 FFC49C

 190001

 FFE1B8

 000000

 FFFED3

 FFFFF0

 B03D21

 B03D21

 B02F0F

 B04B33


 B02200

 B05944

 B06756

 B07667

 B08479

 B0928B

 B0A09C

 B0AEAE

 B0BCBF

Harmonies

Analogous

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



BC2652



B03D21



915600

Triad

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



B03D21



007843



0063C8

Complementary

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



B03D21



2194B0

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.



0072C5



B03D21



007A78

Square

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



B03D21



297307



0079A7



7E4BB0

Rectangle

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



B03D21



766300



0079A7



0069CA

Sweetspot

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



B03D21



E6B9AE



B02196



735851



F2F2F2



737373

Same Dimension

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



B03D21



E63105



B08321



595250



991E00



1A0500

Inverse Universe

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



2194B0



05B9E6



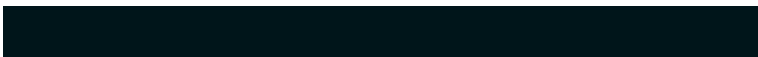
214EB0



505859



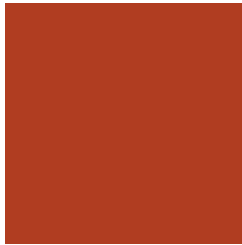
007B99



00151A

Previews

White Background



This preview shows how the Hex color B03D21 looks on a white background.

Color Contrast Check

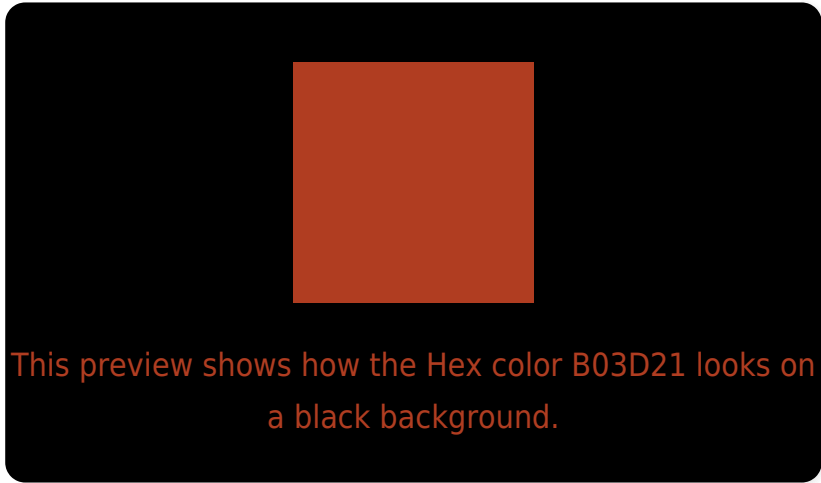
Large Text (above 18pt) WCAG AA ✓ Pass

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 B03D21 Background



This preview shows how black text looks on a background with the Hex color B03D21.



This preview shows how white text looks on a background with the Hex color B03D21.

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
B03D21

Protanopia
70652C

Deuteranopia
7F5F16

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B03D21 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 #B03D21 looks like.

```
.text, #text, p{  
    color:#B03D21  
}
```

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 #B03D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B03D21
}
```

Border

The CSS property to change the border of an element to Hex B03D21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

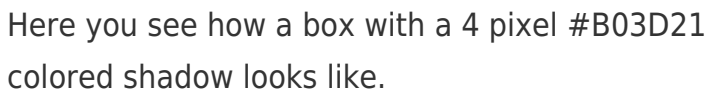
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B03D21 }
```

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

```
.border{ border-color:#B03D21 }
```

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



Here you see how a box with a 4 pixel #B03D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B03D21; -webkit-box-shadow:4px 4px  
4px 4px #B03D21; box-shadow:4px 4px 4px  
4px #B03D21 }
```

Background

The CSS property to change the background color of an element to Hex B03D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B03D21 }
```

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

```
.background{ background-color:#B03D21 }
```

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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