

Converting Colors

Hex(B53D01)

Have a look what the booklet for
Hex(B53D01) contains.

Hex(B53D01)	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(B53D01)

Conversions

Conversions Part 1

Format	Color
Hex	B53D01
RGB	181, 61, 1
RGB Percent	71%, 24%, 0%
CMY	0.2902, 0.7608, 0.9961
CMYK	0.00, 0.66, 0.99, 0.29
HSL	20°, 99%, 36%
HSV	20°, 99%, 71%
XYZ	20.7303, 13.1634, 1.4769
YIQ	90.0400, 90.7800, 6.7800

Conversions

Conversions Part 2

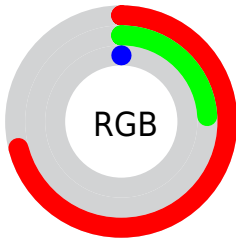
Format	Color
RYB	181, 91, 1
Decimal	11877633
CIELab	43.01, 46.62, 54.04
CIElCh	43, 71.375, 49.214
Yxy	13.1634, 0.5861, 0.3722
Android (android.graphics.Color)	4290067713 (0xFFB53D01)
YUV	90.0400, -43.8967, 79.7719
Hunter-Lab	36.2814, 38.4977, 22.9835

Details

The Hex color **B53D01** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0179B5**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F47238**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B53C00**, and if you desaturate by 10%, it is **B54913**.

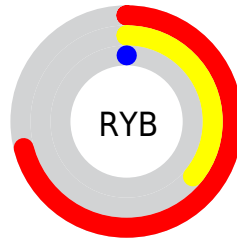
Distribution



Red (71%)

Green (24%)

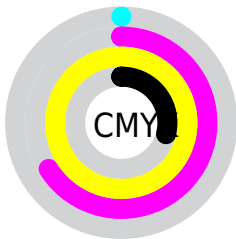
Blue (0%)



Red (71%)

Yellow (36%)

Blue (0%)

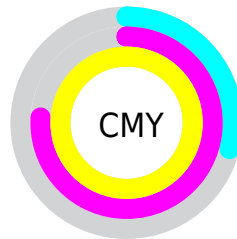


Cyan (0%)

Magenta (66%)

Yellow (99%)

Black (29%)



Cyan (29%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53D01 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 B53D01 by changing the saturation by 10% instead.

 B53D01

 B53D01

 FFFFF4

 962100

 F47238

 770000

 FF8D51

 590000

 FFA86B

 3D0001

 FFC485

 1E0001

 FFE1A0

 000000

 FFFEBB

 FFFF D8

 B53D01

 B53D01

 B53C00

 B54913

 B55525

 B56137

 B56D49

 B5795C

 B5856E

 B59180

 B59E92

 B5AAA4

Harmonies

Analogous

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



C90E43



B53D01



8E5B00

Triad

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



B53D01



007D4D



0060D7

Complementary

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



B53D01



0179B5

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.



0073DB



B53D01



007E8B

Square

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



B53D01



007802



007CBF



953FB4

Rectangle

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



B53D01



6C6900



007CBF



0068DC

Sweetspot

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



B53D01



EBBCA4



B50179



75594B



F5F5F5



757575

Same Dimension

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



B53D01



EB4E00



B59701



595350



993300



1A0800

Inverse Universe

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



0179B5



009CEB



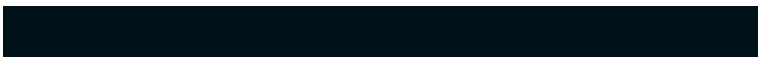
011FB5



505659



006699



00111A

Previews

White Background



This preview shows how the Hex color B53D01 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 B53D01 Background



This preview shows how black text looks on a background with the Hex color B53D01.



This preview shows how white text looks on a background with the Hex color B53D01.

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

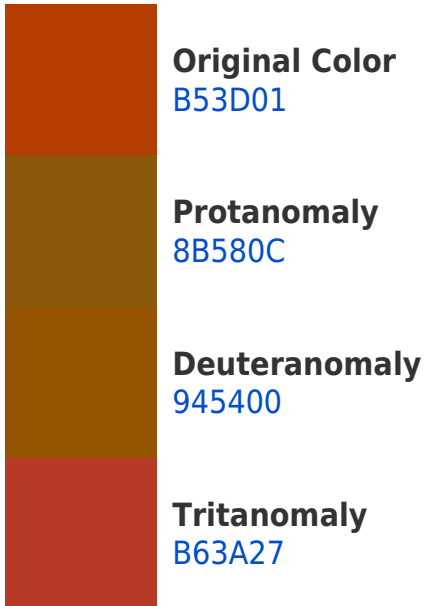


Original Color
B53D01

Protanopia
736713

Deuteranopia
816100

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B53D01 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 #B53D01 looks like.

```
.text, #text, p{  
    color:#B53D01  
}
```

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 #B53D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53D01
}
```

Border

The CSS property to change the border of an element to Hex B53D01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

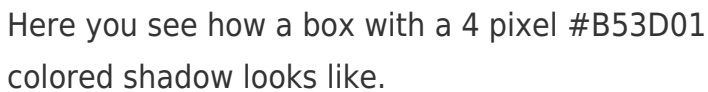
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53D01 }
```

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

```
.border{ border-color:#B53D01 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B53D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53D01; -webkit-box-shadow:4px 4px  
4px 4px #B53D01; box-shadow:4px 4px 4px  
4px #B53D01 }
```

Background

The CSS property to change the background color of an element to Hex B53D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53D01 }
```

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

```
.background{ background-color:#B53D01 }
```

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