

Converting Colors

Hex(D53B01)

Have a look what the booklet for
Hex(D53B01) contains.

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Color

Hex(D53B01)

Conversions

Conversions Part 1

Format	Color
Hex	D53B01
RGB	213, 59, 1
RGB Percent	84%, 23%, 0%
CMY	0.1647, 0.7686, 0.9961
CMYK	0.00, 0.72, 1.00, 0.16
HSL	16°, 99%, 42%
HSV	16°, 100%, 84%
XYZ	29.0100, 17.2763, 1.8344
YIQ	98.4340, 110.4020, 14.6100

Conversions

Conversions Part 2

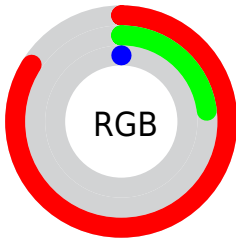
Format	Color
RYB	213, 81, 1
Decimal	13974273
CIELab	48.61, 58.17, 60.12
CIElCh	49, 83.655, 45.944
Yxy	17.2763, 0.6029, 0.3590
Android (android.graphics.Color)	4292164353 (0xFFD53B01)
YUV	98.4340, -48.0350, 100.4744
Hunter-Lab	41.5647, 51.8455, 26.4787

Details

The Hex color **D53B01** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **019BD5**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF743B**, and **950000** is the 20% darker color. If you saturate the color by 10%, you get **D53A00**, and if you desaturate by 10%, it is **D54A16**.

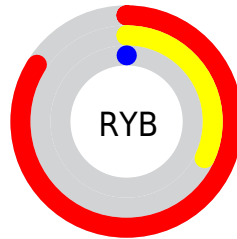
Distribution



Red (84%)

Green (23%)

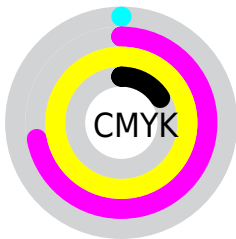
Blue (0%)



Red (84%)

Yellow (32%)

Blue (0%)

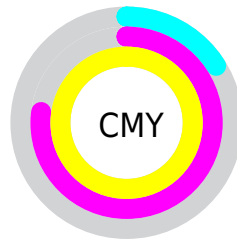


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D53B01 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 D53B01 by changing the saturation by 10% instead.

 D53B01

 D53B01

 FFFFF9

 B51900

 FF743B

 950000

 FF9054

 750000

 FFAC6E

 570000

 FFC989

 3B0002

 FFE6A4

 140000

 FFFFBF

 000000

 FFFFDC

 D53B01

 D53B01

 D53A00

 D54A16

 D55A2C

 D56941

 D57956

 D5886C

 D59881

 D5A796

 D5B7AB

 D5C6C1

Harmonies

Analogous

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



EB0052



D53B01



A86400

Triad

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



D53B01



008E4E



0070FE

Complementary

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



D53B01



019BD5

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.



0086FF



D53B01



009099

Square

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



D53B01



008900



008FD9



A248D7

Rectangle

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



D53B01



817500



008FD9



0079FF

Sweetspot

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



D53B01



FFC7B3



D5019C



805E52



000000



808080

Same Dimension

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



D53B01



FF4600



D5A401



6B6360



AB2F00



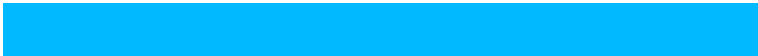
2B0C00

Inverse Universe

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



019BD5



00B9FF



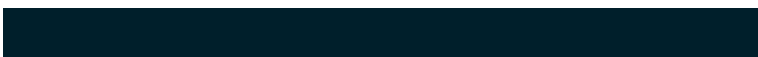
0132D5



60686B



007CAB



001F2B

Previews

White Background



This preview shows how the Hex color D53B01 looks on a white background.

Color Contrast Check

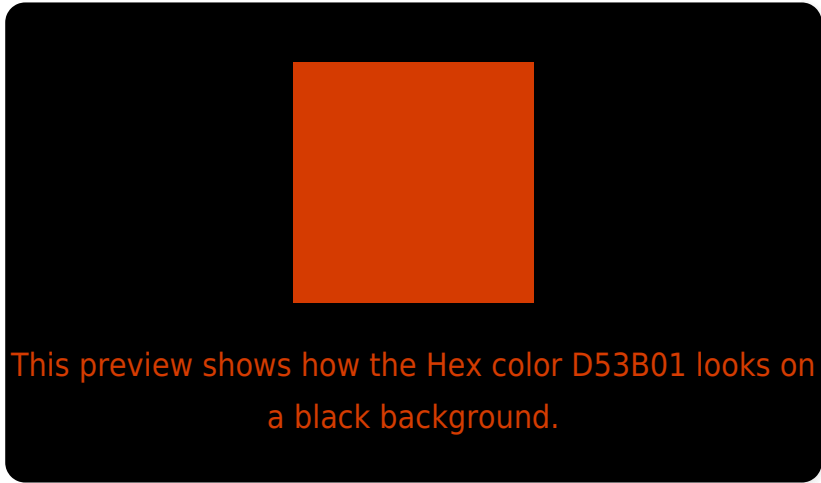
Large Text (above 18pt) WCAG AA ✓ Pass

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 D53B01 Background



This preview shows how black text looks on a background with the Hex color D53B01.



This preview shows how white text looks on a background with the Hex color D53B01.

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
D53B01

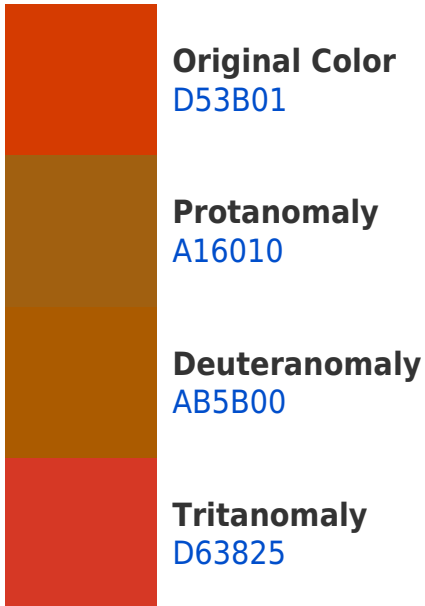
Protanopia
837518

Deuteranopia
936E00



Tritanopia
D63739

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D53B01 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 #D53B01 looks like.

```
.text, #text, p{  
    color:#D53B01  
}
```

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 #D53B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D53B01
}
```

Border

The CSS property to change the border of an element to Hex D53B01 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
#D53B01 }
```

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

```
.border{ border-color:#D53B01 }
```

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

Here you see how a box with a 4 pixel #D53B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D53B01; -webkit-box-shadow:4px 4px  
4px 4px #D53B01; box-shadow:4px 4px 4px  
4px #D53B01 }
```

Background

The CSS property to change the background color of an element to Hex D53B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D53B01 }
```

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

```
.background{ background-color:#D53B01 }
```

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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