

Converting Colors

Hex(B53F00)

Have a look what the booklet for
Hex(B53F00) contains.

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Color

Hex(B53F00)

Conversions

Conversions Part 1

Format	Color
Hex	B53F00
RGB	181, 63, 0
RGB Percent	71%, 25%, 0%
CMY	0.2902, 0.7529, 1.0000
CMYK	0.00, 0.65, 1.00, 0.29
HSL	21°, 100%, 35%
HSV	21°, 100%, 71%
XYZ	20.8336, 13.3788, 1.4843
YIQ	91.1000, 90.5510, 5.4230

Conversions

Conversions Part 2

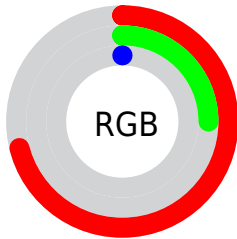
Format	Color
RYB	181, 97, 0
Decimal	11878144
CIELab	43.33, 45.74, 54.51
CIELCh	43, 71.164, 49.999
Yxy	13.3788, 0.5836, 0.3748
Android (android.graphics.Color)	4290068224 (0xFFB53F00)
YUV	91.1000, -44.9123, 78.8423
Hunter-Lab	36.5770, 37.6604, 23.1979

Details

The Hex color **B53F00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0076B5**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F47438**, and **770000** is the 20% darker color. If you saturate the color by 10%, you get **B53F00**, and if you desaturate by 10%, it is **B54B12**.

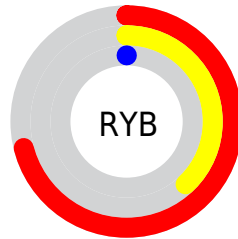
Distribution



Red (71%)

Green (25%)

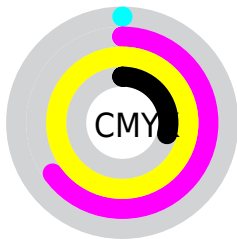
Blue (0%)



Red (71%)

Yellow (38%)

Blue (0%)

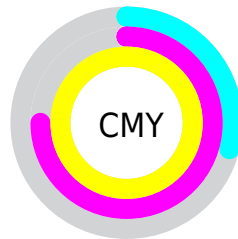


Cyan (0%)

Magenta (65%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B53F00 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 B53F00 by changing the saturation by 10% instead.

 B53F00

 B53F00

 FFFFF4

 962400

 F47438

 770000

 FF8F51

 590000

 FFAA6B

 3D0001

 FFC685

 1F0001

 FFE3A0

 000000

 FFFFBB

 FFFF7D

 B53F00

 B54B12

 B55724

 B56236

 B56E48

 B57A5B

 B5866D

 B5927F

 B59D91

 B5A9A3

Harmonies

Analogous

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



CA1342



B53F00



8D5D00

Triad

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



B53F00



007E50



1460D7

Complementary

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



B53F00



0076B5

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.



0074DC



B53F00



007F8D

Square

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



B53F00



007907



007DC1



973FB3

Rectangle

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



B53F00



6B6A00



007DC1



0068DC

Sweetspot

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



B53F00



EBBDA4



B50079



755A4B



F5F5F5



757575

Same Dimension

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



B53F00



EB5200



B59700



595350



993500



1A0900

Inverse Universe

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



0076B5



0099EB



001EB5



505659



006499



00111A

Previews

White Background



This preview shows how the Hex color B53F00 looks on a white background.

Color Contrast Check

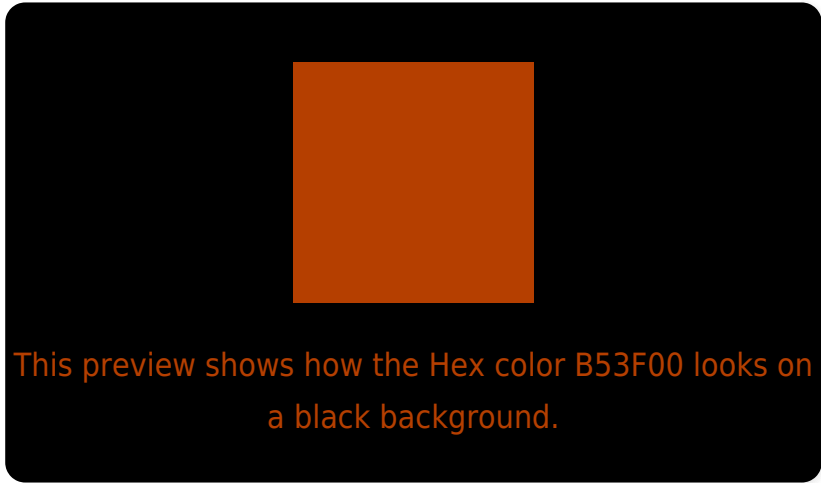
Large Text (above 18pt) WCAG AA ✓ Pass

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 B53F00 Background



This preview shows how black text looks on a background with the Hex color B53F00.



This preview shows how white text looks on a background with the Hex color B53F00.

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
B53F00

Protanopia
746813

Deuteranopia
826200



Tritanopia
B63B3E

Trichromacy



Original Color
B53F00

Protanomaly
8C590C

Deuteranomaly
955500

Tritanomaly
B63C27

Monochromacy



Original Color
B53F00

Achromatopsia
5B5B5B

Achromatomaly
7C513A

CSS Examples

Text

The CSS property to change the color of the text to Hex B53F00 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 #B53F00 looks like.

```
.text, #text, p{  
    color:#B53F00  
}
```

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 #B53F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53F00
}
```

Border

The CSS property to change the border of an element to Hex B53F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

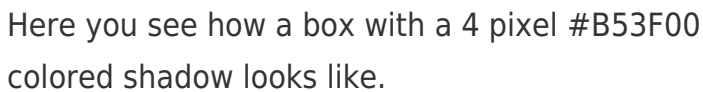
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B53F00 }
```

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

```
.border{ border-color:#B53F00 }
```

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 solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B53F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53F00; -webkit-box-shadow:4px 4px  
4px 4px #B53F00; box-shadow:4px 4px 4px  
4px #B53F00 }
```

Background

The CSS property to change the background color of an element to Hex B53F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53F00 }
```

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

```
.background{ background-color:#B53F00 }
```

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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