

Converting Colors

Hex(533F01)

Have a look what the booklet for
Hex(533F01) contains.

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Color

Hex(533F01)

Conversions

Conversions Part 1

Format	Color
Hex	533F01
RGB	83, 63, 1
RGB Percent	33%, 25%, 0%
CMY	0.6745, 0.7529, 0.9961
CMYK	0.00, 0.24, 0.99, 0.67
HSL	45°, 98%, 16%
HSV	45°, 99%, 33%
XYZ	5.3503, 5.3962, 0.7883
YIQ	61.9120, 31.8220, -15.0420

Conversions

Conversions Part 2

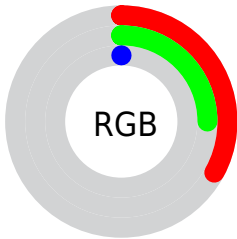
Format	Color
R_{YB}	27, 83, 1
Decimal	5455617
CIE Lab	27.83, 2.68, 36.72
CIE LCh	28, 36.814, 85.826
Yxy	5.3962, 0.4638, 0.4678
Android (android.graphics.Color)	4283645697 (0xFF533F01)
YUV	61.9120, -30.0296, 18.4942
Hunter-Lab	23.2297, 0.4600, 14.2488

Details

The Hex color **533F01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **011553**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **886E32**, and **211500** is the 20% darker color. If you saturate the color by 10%, you get **533F00**, and if you desaturate by 10%, it is **534109**.

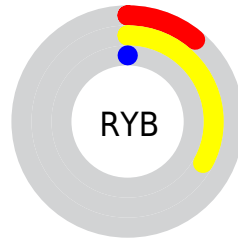
Distribution



Red (33%)

Green (25%)

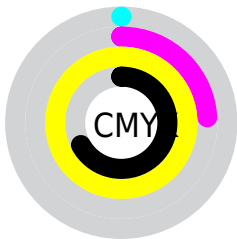
Blue (0%)



Red (11%)

Yellow (33%)

Blue (0%)

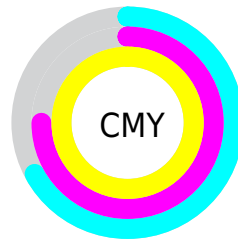


Cyan (0%)

Magenta (24%)

Yellow (99%)

Black (67%)



Cyan (67%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533F01 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 533F01 by changing the saturation by 10% instead.

 533F01

 533F01

 FFFFEA

 3A2900

 886E32

 211500

 A3884A

 000000

 BFA263

 DCBD7C

 F9D896

 FFF5B1

 FFFFCD

 533F01

 533F01

■ 533F00

■ 534109

■ 534312

■ 53451A

■ 534722

■ 53492A

■ 534B33

■ 534D3B

■ 534F43

■ 53514C

Harmonies

Analogous

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



683412



533F01



384707

Triad

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



533F01



004F5A



602F62

Complementary

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



533F01



011553

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.



3A3C75



533F01



004C70

Square

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



533F01



004F3D



00467A



722647

Rectangle

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



533F01



204B17



00467A



563369

Sweetspot

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



533F01



6B634B



530115



363122



B5B5B5



363636

Same Dimension

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



533F01



6B5100



3F5301



292825



694F00



E8AF00

Inverse Universe

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



011553



001A6B



150153



252629



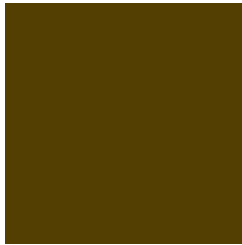
001969



0039E8

Previews

White Background



This preview shows how the Hex color 533F01 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 533F01 Background



This preview shows how black text looks on a background with the Hex color 533F01.



This preview shows how white text looks on a background with the Hex color 533F01.

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
533F01

Protanopia
4B4204

Deuteranopia
543F03



Tritanopia
563B3F

Trichromacy



Original Color
533F01

Protanomaly
4E4103

Deuteranomaly
543F02

Tritanomaly
553C28

Monochromacy



Original Color
533F01

Achromatopsia
3E3E3E

Achromatomaly
463E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 533F01 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 #533F01 looks like.

```
.text, #text, p{  
    color:#533F01  
}
```

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 #533F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533F01
}
```

Border

The CSS property to change the border of an element to Hex 533F01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

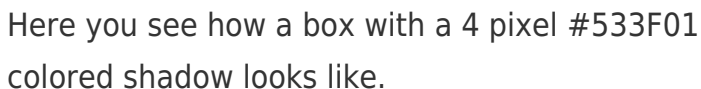
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#533F01 }
```

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

```
.border{ border-color:#533F01 }
```

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



Here you see how a box with a 4 pixel #533F01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533F01; -webkit-box-shadow:4px 4px  
4px 4px #533F01; box-shadow:4px 4px 4px  
4px #533F01 }
```

Background

The CSS property to change the background color of an element to Hex 533F01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533F01 }
```

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

```
.background{ background-color:#533F01 }
```

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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