

Converting Colors

Hex(552F01)

Have a look what the booklet for
Hex(552F01) contains.

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Color

Hex(552F01)

Conversions

Conversions Part 1

Format	Color
Hex	552F01
RGB	85, 47, 1
RGB Percent	33%, 18%, 0%
CMY	0.6667, 0.8157, 0.9961
CMYK	0.00, 0.45, 0.99, 0.67
HSL	33°, 98%, 17%
HSV	33°, 99%, 33%
XYZ	4.7683, 3.9665, 0.5430
YIQ	53.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

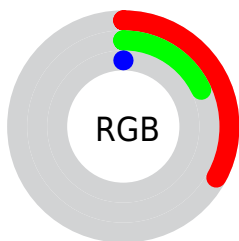
Format	Color
R_{YB}	70, 85, 1
Decimal	5582593
CIE _{Lab}	23.56, 13.89, 32.85
CIE _{LCh}	24, 35.669, 67.085
Yxy	3.9665, 0.5139, 0.4275
Android (android.graphics.Color)	4283772673 (0xFF552F01)
YUV	53.1180, -25.6942, 27.9605
Hunter-Lab	19.9161, 7.8832, 12.3247

Details

The Hex color **552F01** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **012755**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **8B5D30**, and **230200** is the 20% darker color. If you saturate the color by 10%, you get **552F00**, and if you desaturate by 10%, it is **553309**.

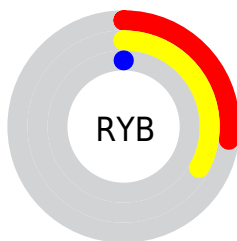
Distribution



Red (33%)

Green (18%)

Blue (0%)



Red (27%)

Yellow (33%)

Blue (0%)

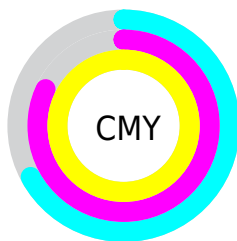


Cyan (0%)

Magenta (45%)

Yellow (99%)

Black (67%)



Cyan (67%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552F01 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 552F01 by changing the saturation by 10% instead.

 552F01

 552F01


 FFFFE6

 3B1A00

 8B5D30

 230200

 A77648

 000000

 C39060

 E0AA79

 FEC593

 FFE1AE

 FFFECA

 552F01

 552F01

■ 552F00

■ 553309

■ 553712

■ 553B1A

■ 553E23

■ 55422B

■ 554634

■ 554A3C

■ 554E45

■ 55524D

Harmonies

Analogous

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



642319



552F01



3F3900

Triad

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



552F01



00443E



412E63

Complementary

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



552F01



012755

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.



00396D



552F01



004458

Square

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



552F01



004322



004069



5D214D

Rectangle

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



552F01



2D3E00



004069



323268

Sweetspot

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



552F01



6E5F4D



550128



382F24



B8B8B8



383838

Same Dimension

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



552F01



6E3C00



525501



2B2927



6B3B00



EB8000

Inverse Universe

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



012755



00326E



040155



27292B



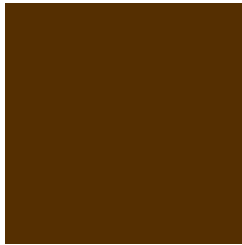
00306B



006AEB

Previews

White Background



This preview shows how the Hex color 552F01 looks on a white background.

Color Contrast Check

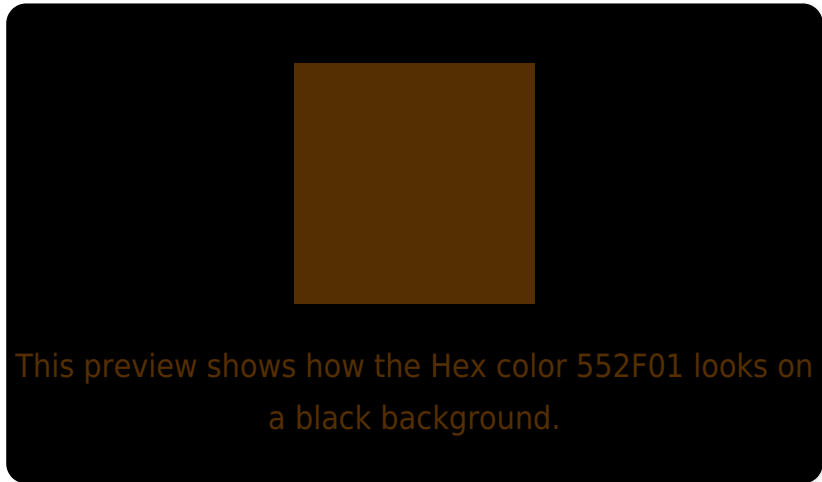
Large Text (above 18pt) WCAG AA ✓ Pass

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

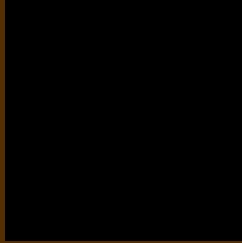
Any Text WCAG AA × Fail

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 552F01 Background



This preview shows how black text looks on a background with the Hex color 552F01.



This preview shows how white text looks on a background with the Hex color 552F01.

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
552F01

Protanopia
403907

Deuteranopia
483600



Tritanopia
572C2F

Trichromacy



Original Color
552F01

Protanomaly
483505

Deuteranomaly
4D3300

Tritanomaly
562D1E

Monochromacy



Original Color
552F01

Achromatopsia
353535

Achromatomaly
413322

CSS Examples

Text

The CSS property to change the color of the text to Hex 552F01 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 #552F01 looks like.

```
.text, #text, p{  
    color:#552F01  
}
```

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 #552F01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552F01
}
```

Border

The CSS property to change the border of an element to Hex 552F01 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
#552F01 }
```

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

```
.border{ border-color:#552F01 }
```

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

Here you see how a box with a 4 pixel #552F01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552F01; -webkit-box-shadow:4px 4px  
4px 4px #552F01; box-shadow:4px 4px 4px  
4px #552F01 }
```

Background

The CSS property to change the background color of an element to Hex 552F01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552F01 }
```

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

```
.background{ background-color:#552F01 }
```

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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