

Converting Colors

Hex(553D00)

Have a look what the booklet for
Hex(553D00) contains.

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Color

Hex(553D00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 553D00 |
| RGB | 85, 61, 0 |
| RGB Percent | 33%, 24%, 0% |
| CMY | 0.6667, 0.7608, 1.0000 |
| CMYK | 0.00, 0.28, 1.00, 0.67 |
| HSL | 43°, 100%, 17% |
| HSV | 43°, 100%, 33% |
| XYZ | 5.4151, 5.2688, 0.7316 |
| YIQ | 61.2220, 33.8850, -13.8830 |

Conversions

Conversions Part 2

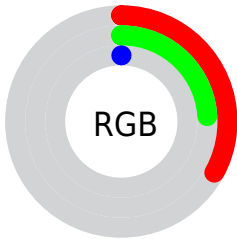
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 33, 85, 0 |
| Decimal | 5586176 |
| CIE Lab | 27.49, 4.95, 36.93 |
| CIE LCh | 27, 37.258, 82.366 |
| Yxy | 5.2688, 0.4744, 0.4615 |
| Android (android.graphics.Color) | 4283776256 (0xFF553D00) |
| YUV | 61.2220, -30.1824, 20.8533 |
| Hunter-Lab | 22.9538, 1.9409, 14.1780 |

Details

The Hex color **553D00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001855**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8A6C31**, and **231300** is the 20% darker color. If you saturate the color by 10%, you get **553D00**, and if you desaturate by 10%, it is **553F08**.

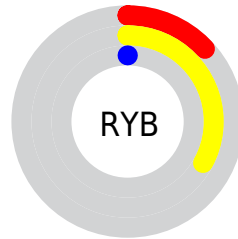
Distribution



Red (33%)

Green (24%)

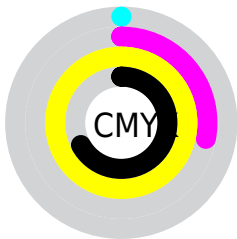
Blue (0%)



Red (13%)

Yellow (33%)

Blue (0%)

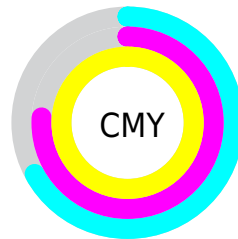


Cyan (0%)

Magenta (28%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553D00 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 553D00 by changing the saturation by 10% instead.

 553D00

 553D00

 FFFFE8

 3C2700

 8A6C31

 231300

 A68549

 000000

 C29F61

 DFBA7B

 FCD695

 FFF2B0

 FFFFCC

 553D00

■ 553F08

■ 554211

■ 554419

■ 554722

■ 55492A

■ 554B33

■ 554E3B

■ 555044

■ 55534C

Harmonies

Analogous

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



693113



553D00



3A4603

Triad

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



553D00



004E56



5C2F64

Complementary

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



553D00



001855

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.



323C76



553D00



004C6E

Square

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



553D00



004E38



00467A



702549

Rectangle

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



553D00



234A13



00467A



51346B

Sweetspot

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



553D00



6E644D



550018



383224



B8B8B8



383838

Same Dimension

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



553D00



6E4F00



435500



2B2A27



6B4D00



EBA800

Inverse Universe

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



001855



001F6E



120055



27282B



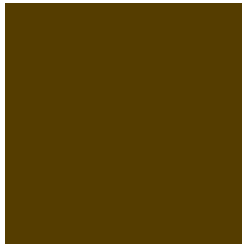
001E6B



0042EB

Previews

White Background



This preview shows how the Hex color 553D00 looks on a white background.

Color Contrast Check

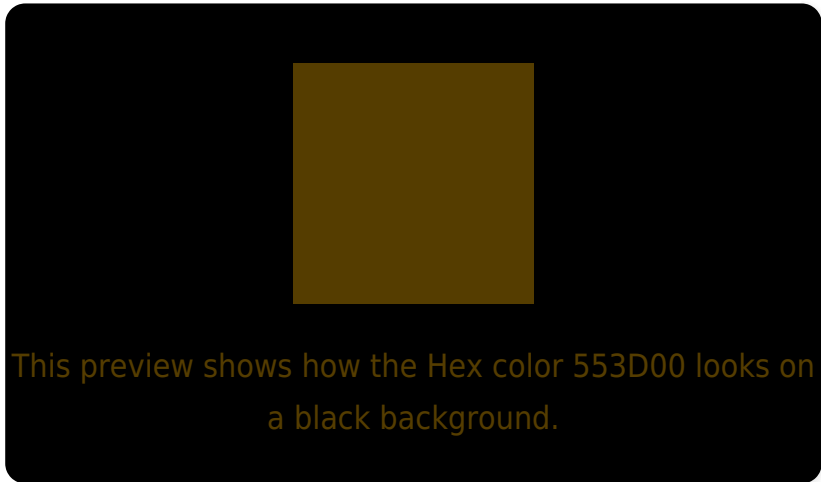
Large Text (above 18pt) WCAG AA ✓ Pass

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 553D00 Background



This preview shows how black text looks on a background with the Hex color 553D00.



This preview shows how white text looks on a background with the Hex color 553D00.

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
553D00

Protanopia
4A205

Deuteranopia
533E00



Tritanopia
58393D

Trichromacy



Original Color
553D00

Protanomaly
4E4003

Deuteranomaly
543E00

Tritanomaly
573A27

Monochromacy



Original Color
553D00

Achromatopsia
3D3D3D

Achromatomaly
463D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 553D00 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 #553D00 looks like.

```
.text, #text, p{  
    color:#553D00  
}
```

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 #553D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553D00  
}
```

Border

The CSS property to change the border of an element to Hex 553D00 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  
#553D00 }
```

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

```
.border{ border-color:#553D00 }
```

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

Here you see how a box with a 4 pixel #553D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553D00; -webkit-box-shadow:4px 4px  
4px 4px #553D00; box-shadow:4px 4px 4px  
4px #553D00 }
```

Background

The CSS property to change the background color of an element to Hex 553D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553D00 }
```

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

```
.background{ background-color:#553D00 }
```

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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