

Converting Colors

Hex(553102)

Have a look what the booklet for
Hex(553102) contains.

Hex(553102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(553102)

Conversions

Conversions Part 1

Format	Color
Hex	553102
RGB	85, 49, 2
RGB Percent	33%, 19%, 1%
CMY	0.6667, 0.8078, 0.9922
CMYK	0.00, 0.42, 0.98, 0.67
HSL	34°, 95%, 17%
HSV	34°, 98%, 33%
XYZ	4.8556, 4.1323, 0.5991
YIQ	54.4060, 36.5430, -6.9850

Conversions

Conversions Part 2

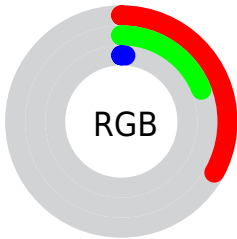
Format	Color
RYB	66, 85, 2
Decimal	5583106
CIELab	24.10, 12.66, 32.99
CIELCh	24, 35.336, 69.000
Yxy	4.1323, 0.5065, 0.4310
Android (android.graphics.Color)	4283773186 (0xFF553102)
YUV	54.4060, -25.8362, 26.8309
Hunter-Lab	20.3281, 7.0626, 12.4822

Details

The Hex color **553102** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **022655**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8B5F31**, and **230400** is the 20% darker color. If you saturate the color by 10%, you get **553000**, and if you desaturate by 10%, it is **55350B**.

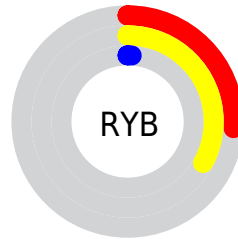
Distribution



Red (33%)

Green (19%)

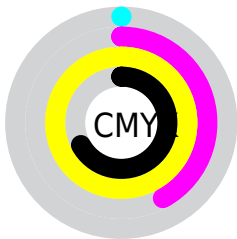
Blue (1%)



Red (26%)

Yellow (33%)

Blue (1%)

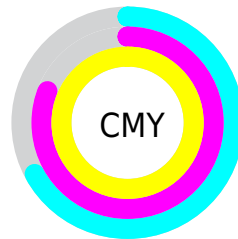


Cyan (0%)

Magenta (42%)

Yellow (98%)

Black (67%)



Cyan (67%)

Magenta (81%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553102 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 553102 by changing the saturation by 10% instead.

 553102

 553102

 FFFFE7

 3B1C00

 8B5F31

 230400

 A67849

 000000

 C39261

 E0AC7A

 FDC894

 FFE4AF

 FFFFCB

 553102

 553102

■ 553000

■ 55350B

■ 553813

■ 553C1C

■ 554024

■ 55432D

■ 554735

■ 554B3E

■ 554E46

■ 55524E

Harmonies

Analogous

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



642519



553102



3F3B00

Triad

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



553102



004641



442F63

Complementary

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



553102



022655

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.



003A6E



553102



00455A

Square

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



553102



004425



00416B



5F224D

Rectangle

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



553102



2D3F03



00416B



363368

Sweetspot

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



553102



6E604E



550227



383024



B8B8B8



383838

Same Dimension

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



553102



6E3E00



515502



2B2927



6B3D00



EB8500

Inverse Universe

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



022655



00306E



060255



27292B



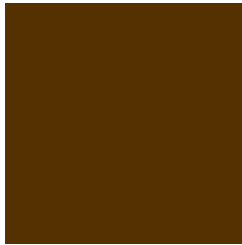
002E6B



0066EB

Previews

White Background



This preview shows how the Hex color 553102 looks on a white background.

Color Contrast Check

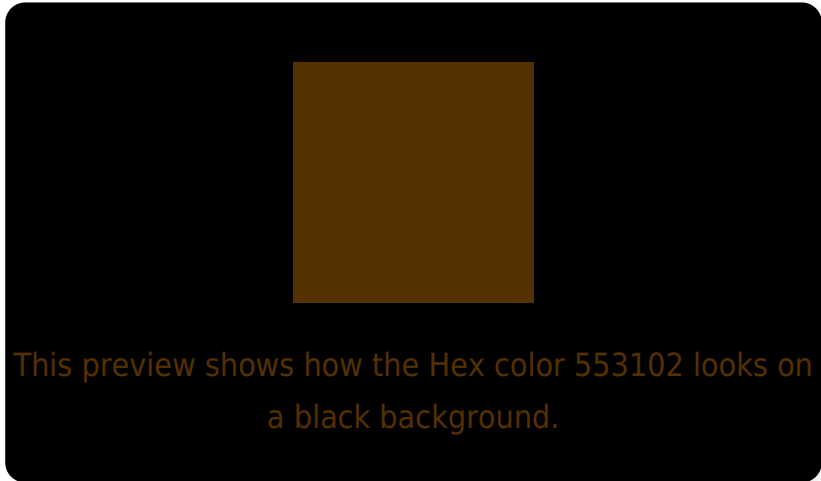
Large Text (above 18pt) WCAG AA ✓ Pass

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

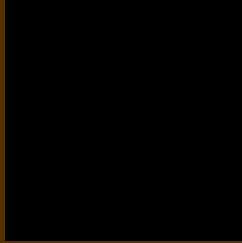
Any Text WCAG AA × Fail

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 553102 Background



This preview shows how black text looks on a background with the Hex color 553102.



This preview shows how white text looks on a background with the Hex color 553102.

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
553102

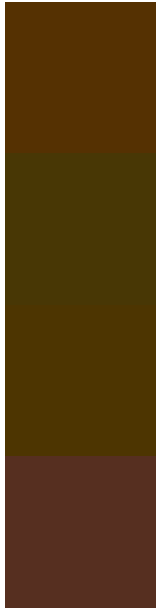
Protanopia
413A07

Deuteranopia
493700



Tritanopia
572E31

Trichromacy



Original Color
553102

Protanomaly
483705

Deuteranomaly
4D3501

Tritanomaly
562F20

Monochromacy



Original Color
553102

Achromatopsia
363636

Achromatomaly
413423

CSS Examples

Text

The CSS property to change the color of the text to Hex 553102 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 #553102 looks like.

```
.text, #text, p{  
    color:#553102  
}
```

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 #553102 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553102
}
```

Border

The CSS property to change the border of an element to Hex 553102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

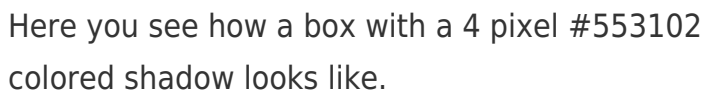
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#553102 }
```

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

```
.border{ border-color:#553102 }
```

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



Here you see how a box with a 4 pixel #553102 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553102; -webkit-box-shadow:4px 4px  
4px 4px #553102; box-shadow:4px 4px 4px  
4px #553102 }
```

Background

The CSS property to change the background color of an element to Hex 553102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553102 }
```

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

```
.background{ background-color:#553102 }
```

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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