

# Converting Colors

Hex(532201)

Have a look what the booklet for  
Hex(532201) contains.

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**Color**

**Hex(532201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	532201
RGB	83, 34, 1
RGB Percent	33%, 13%, 0%
CMY	0.6745, 0.8667, 0.9961
CMYK	0.00, 0.59, 0.99, 0.67
HSL	24°, 98%, 16%
HSV	24°, 99%, 33%
XYZ	4.1448, 2.9852, 0.3865
YIQ	44.8890, 39.7970, 0.1250

# Conversions

## Conversions Part 2

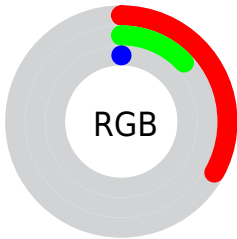
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 56, 1
Decimal	5448193
CIELab	19.98, 20.88, 28.93
CIELCh	20, 35.680, 54.173
Yxy	2.9852, 0.5514, 0.3972
Android (android.graphics.Color)	4283638273 (0xFF532201)
YUV	44.8890, -21.6373, 33.4233
Hunter-Lab	17.2779, 12.5841, 10.7683

# Details

The Hex color **532201** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **013253**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **895030**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **532100**, and if you desaturate by 10%, it is **532709**.

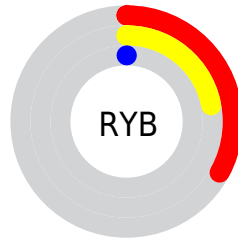
# Distribution



Red (33%)

Green (13%)

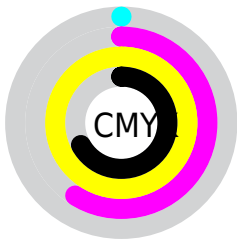
Blue (0%)



Red (33%)

Yellow (22%)

Blue (0%)

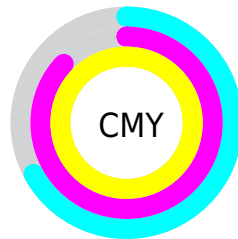


Cyan (0%)

Magenta (59%)

Yellow (99%)

Black (67%)



Cyan (67%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 532201 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 532201 by changing the saturation by 10% instead.



 532201

 532201


 FFFFE4

 390C00

 895030

 230001

 A56847

 000000

 C2825F

 DF9C78

 FDB792

 FFD3AC

 FFEFC8

 532201

 532201

■ 532100

■ 532709

■ 532C12

■ 53311A

■ 533622

■ 533B2A

■ 534033

■ 53453B

■ 534A43

■ 534F4C

# Harmonies

## Analogous

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



5D161D



532201



412D00

# Triad

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



532201



003C2A



232C60

# Complementary

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



532201



013253

# 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.



003565



532201



003C45

# Square

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



532201



00390F



003A5A



4A1E4F

# Rectangle

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



532201



323300



003A5A



042F63



# Sweetspot

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



532201



6B584B



530132



362A22



B5B5B5



363636



# Same Dimension

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



532201



6B2B00



534B01



292625



692A00



E85D00



# Inverse Universe

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



013253



00406B



010953



252729



003E69

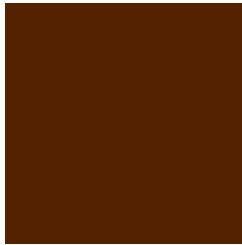


008BE8



# Previews

## White Background



This preview shows how the Hex color 532201 looks on a white background.

## Color Contrast Check

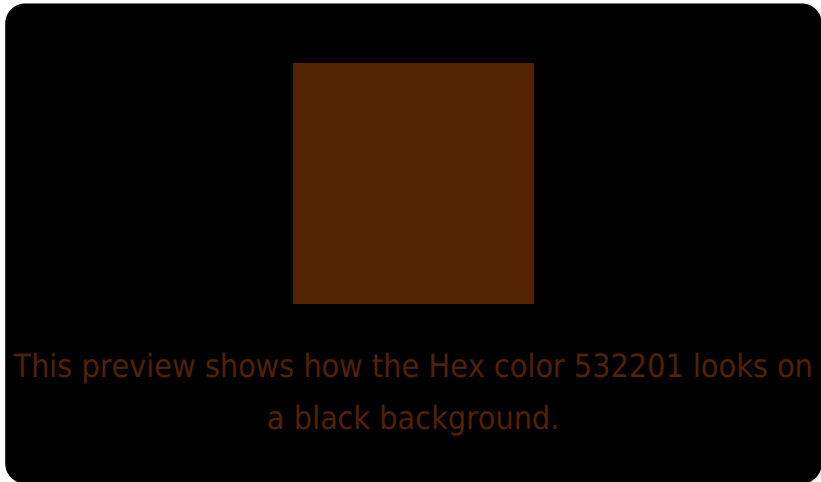
Large Text (above 18pt) WCAG AA ✓ Pass

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

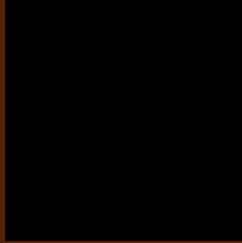
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 532201 Background



This preview shows how black text looks on a background with the Hex color 532201.



This preview shows how white text looks on a background with the Hex color 532201.

# 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**  
532201

**Protanopia**  
383208

**Deuteranopia**  
3F2F00



# Trichromacy



**Original Color**  
532201

**Protanomaly**  
422C05

**Deuteranomaly**  
462A00

**Tritanomaly**  
542116

# Monochromacy



**Original Color**  
532201

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3B291D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 532201 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 #532201 looks like.

```
.text, #text, p{  
    color:#532201  
}
```

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 #532201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #532201
}
```

## Border

The CSS property to change the border of an element to Hex 532201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

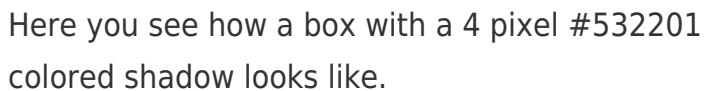
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#532201 }
```

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

```
.border{ border-color:#532201 }
```

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



Here you see how a box with a 4 pixel #532201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #532201; -webkit-box-shadow:4px 4px  
4px 4px #532201; box-shadow:4px 4px 4px  
4px #532201 }
```

# Background

The CSS property to change the background color of an element to Hex 532201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#532201 }
```

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

```
.background{ background-color:#532201 }
```

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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