

# Converting Colors

Hex(532200)

Have a look what the booklet for  
Hex(532200) contains.

<b>Hex(532200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(532200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	532200
RGB	83, 34, 0
RGB Percent	33%, 13%, 0%
CMY	0.6745, 0.8667, 1.0000
CMYK	0.00, 0.59, 1.00, 0.67
HSL	25°, 100%, 16%
HSV	25°, 100%, 33%
XYZ	4.1393, 2.9831, 0.3576
YIQ	44.7750, 40.1180, -0.1860

# Conversions

## Conversions Part 2

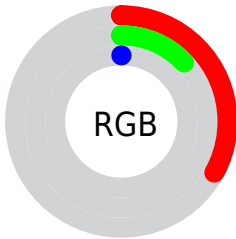
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 58, 0
Decimal	5448192
CIE Lab	19.98, 20.85, 29.33
CIE LCh	20, 35.980, 54.594
Yxy	2.9831, 0.5534, 0.3988
Android (android.graphics.Color)	4283638272 (0xFF532200)
YUV	44.7750, -22.0741, 33.5233
Hunter-Lab	17.2715, 12.5543, 10.8624

# Details

The Hex color **532200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003153**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **89502F**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **532200**, and if you desaturate by 10%, it is **532708**.

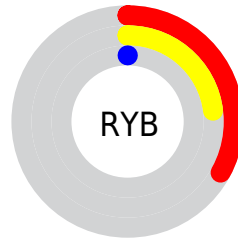
# Distribution



Red (33%)

Green (13%)

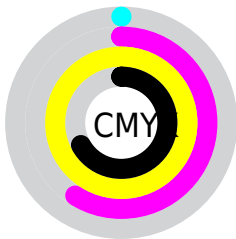
Blue (0%)



Red (33%)

Yellow (23%)

Blue (0%)

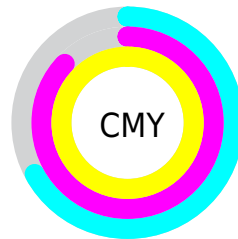


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (67%)



Cyan (67%)

Magenta (87%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 532200 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 532200 by changing the saturation by 10% instead.



 532200

 532200

 FFFFE3

 390C00

 89502F

 230001

 A56846

 000000

 C2825E

 DF9C77

 FDB791

 FFD2AB

 FFEFC7

 532200

■ 532708

■ 532C11

■ 533119

■ 533621

■ 533A29

■ 533F32

■ 53443A

■ 534942

■ 534E4B

# Harmonies

## Analogous

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



5D161C



532200



412D00

# Triad

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



532200



003C2A



242B61

# Complementary

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



532200



003153

# 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



532200



003C45

# Square

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



532200



003A0F



003A5B



4B1E4F

# Rectangle

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



532200



313300



003A5B



052F64



# Sweetspot

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



532200



6B584B



530032



362A22



B5B5B5



363636



# Same Dimension

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



532200



6B2C00



534B00



292625



692B00



E85F00



# Inverse Universe

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



003153



003F6B



000853



252729



003E69

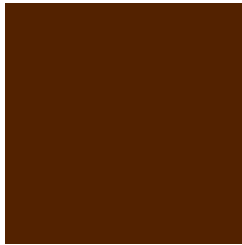


0089E8



# Previews

## White Background



This preview shows how the Hex color 532200 looks on a white background.

## Color Contrast Check

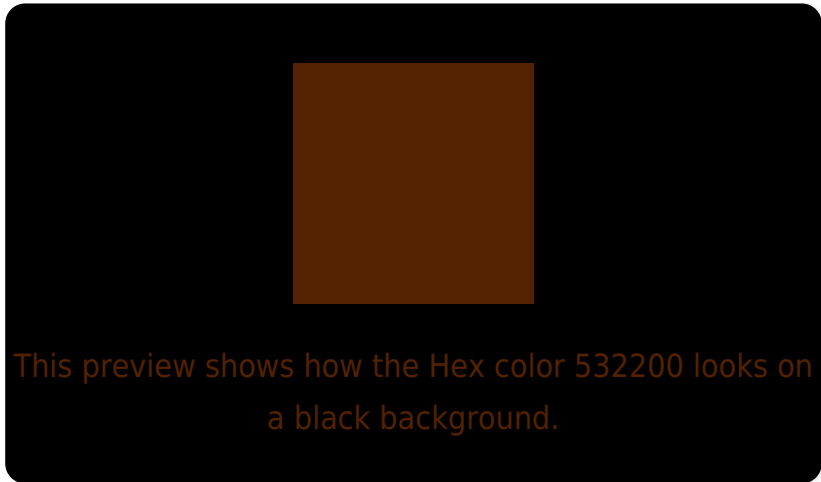
Large Text (above 18pt) WCAG AA ✓ Pass

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

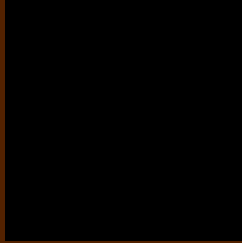
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 532200 Background



This preview shows how black text looks on a background with the Hex color 532200.



This preview shows how white text looks on a background with the Hex color 532200.

# 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**  
532200

**Protanopia**  
383208

**Deuteranopia**  
3F2F00



# Trichromacy



**Original Color**  
532200

**Protanomaly**  
422C05

**Deuteranomaly**  
462A00

**Tritanomaly**  
542116

# Monochromacy



**Original Color**  
532200

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
3B291D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 532200 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 #532200 looks like.

```
.text, #text, p{  
    color:#532200  
}
```

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 #532200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #532200
}
```

## Border

The CSS property to change the border of an element to Hex 532200 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
#532200 }
```

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

```
.border{ border-color:#532200 }
```

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

Here you see how a box with a 4 pixel #532200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #532200; -webkit-box-shadow:4px 4px  
4px 4px #532200; box-shadow:4px 4px 4px  
4px #532200 }
```

# Background

The CSS property to change the background color of an element to Hex 532200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#532200 }
```

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

```
.background{ background-color:#532200 }
```

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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