

Converting Colors

Hex(533210)

Have a look what the booklet for
Hex(533210) contains.

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Color

Hex(533210)

Conversions

Conversions Part 1

Format	Color
Hex	533210
RGB	83, 50, 16
RGB Percent	33%, 20%, 6%
CMY	0.6745, 0.8039, 0.9373
CMYK	0.00, 0.40, 0.81, 0.67
HSL	30°, 68%, 19%
HSV	30°, 81%, 33%
XYZ	4.8014, 4.1576, 1.0396
YIQ	55.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

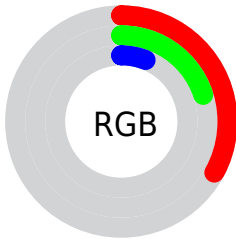
Format	Color
R_YB	81, 83, 16
Decimal	5452304
CIE Lab	24.19, 11.62, 26.86
CIE LCh	24, 29.261, 66.606
Yxy	4.1576, 0.4802, 0.4158
Android (android.graphics.Color)	4283642384 (0xFF533210)
YUV	55.9910, -19.7156, 23.6869
Hunter-Lab	20.3902, 6.3495, 11.2501

Details

The Hex color **533210** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103153**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **88603C**, and **220600** is the 20% darker color. If you saturate the color by 10%, you get **532E08**, and if you desaturate by 10%, it is **533618**.

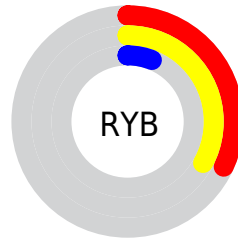
Distribution



Red (33%)

Green (20%)

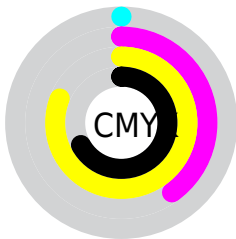
Blue (6%)



Red (32%)

Yellow (33%)

Blue (6%)

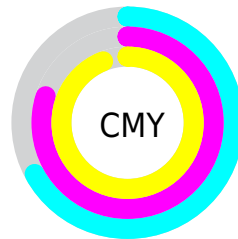


Cyan (0%)

Magenta (40%)

Yellow (81%)

Black (67%)



Cyan (67%)

Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 533210 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 533210 by changing the saturation by 10% instead.

 533210

 533210

 FFFFF4

 3B1D00

 88603C

 220600

 A37954

 000000

 BF936C

 DCAE86

 F9C9A0

 FFE5BB

 FFFFD7

 533210

 533210

■ 532E08

■ 533618

■ 532A00

■ 533A21

■ 533E29

■ 534231

■ 534639

■ 534B42

■ 534F4A

■ 535352

■ 53575B

Harmonies

Analogous

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



5F2A20



533210



413A0A

Triad

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



533210



00443E



41325D

Complementary

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



533210



103153

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.



143A65



533210



004353

Square

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



533210



014327



004062



58294B

Rectangle

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



533210



323E0F



004062



363561

Sweetspot

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



533210



6B5E51



531031



362E26



B5B5B5



363636

Same Dimension

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



533210



6B3803



535310



292725



693500



E87600

Inverse Universe

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



103153



03366B



101053



252729



003369



0072E8

Previews

White Background



This preview shows how the Hex color 533210 looks on a white background.

Color Contrast Check

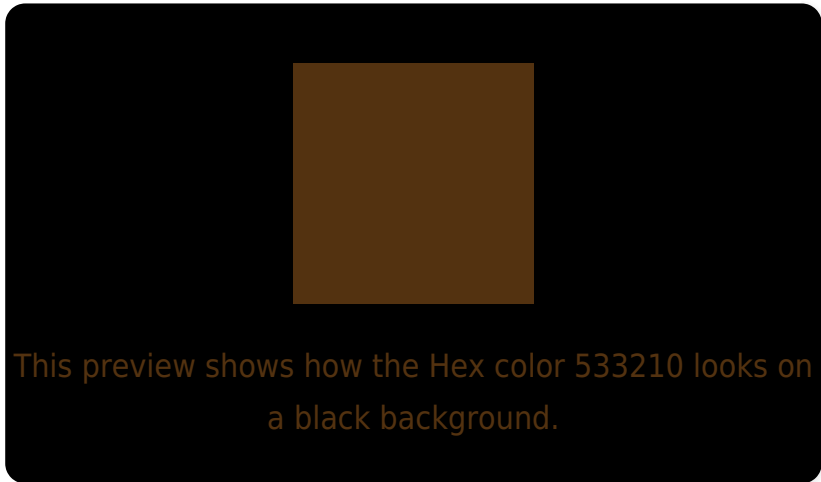
Large Text (above 18pt) WCAG AA ✓ Pass

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

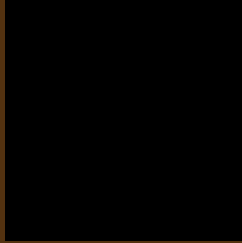
Any Text WCAG AA × Fail

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 533210 Background



This preview shows how black text looks on a background with the Hex color 533210.



This preview shows how white text looks on a background with the Hex color 533210.

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
533210

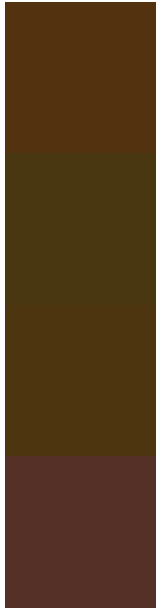
Protanopia
413A12

Deuteranopia
49370E



Tritanopia
552F32

Trichromacy



Original Color
533210

Protanomaly
483711

Deuteranomaly
4D350F

Tritanomaly
543026

Monochromacy



Original Color
533210

Achromatopsia
383838

Achromatomaly
423629

CSS Examples

Text

The CSS property to change the color of the text to Hex 533210 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 #533210 looks like.

```
.text, #text, p{  
    color:#533210  
}
```

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 #533210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #533210
}
```

Border

The CSS property to change the border of an element to Hex 533210 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
#533210 }
```

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

```
.border{ border-color:#533210 }
```

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

Here you see how a box with a 4 pixel #533210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #533210; -webkit-box-shadow:4px 4px  
4px 4px #533210; box-shadow:4px 4px 4px  
4px #533210 }
```

Background

The CSS property to change the background color of an element to Hex 533210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#533210 }
```

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

```
.background{ background-color:#533210 }
```

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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