

Converting Colors

Hex(523300)

Have a look what the booklet for
Hex(523300) contains.

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Color

Hex(523300)

Conversions

Conversions Part 1

Format	Color
Hex	523300
RGB	82, 51, 0
RGB Percent	32%, 20%, 0%
CMY	0.6784, 0.8000, 1.0000
CMYK	0.00, 0.38, 1.00, 0.68
HSL	37°, 100%, 16%
HSV	37°, 100%, 32%
XYZ	4.6635, 4.1615, 0.5575
YIQ	54.4550, 34.8470, -9.2890

Conversions

Conversions Part 2

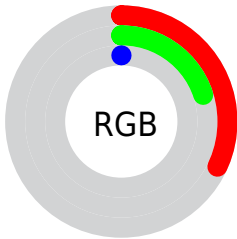
Format	Color
R_{YB}	50, 82, 0
Decimal	5387008
CIE Lab	24.20, 9.78, 33.75
CIE LCh	24, 35.136, 73.842
Yxy	4.1615, 0.4970, 0.4435
Android (android.graphics.Color)	4283577088 (0xFF523300)
YUV	54.4550, -26.8463, 24.1570
Hunter-Lab	20.3997, 5.1066, 12.6596

Details

The Hex color **523300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001F52**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **876130**, and **210700** is the 20% darker color. If you saturate the color by 10%, you get **523300**, and if you desaturate by 10%, it is **523608**.

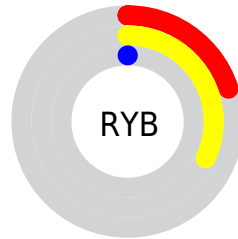
Distribution



Red (32%)

Green (20%)

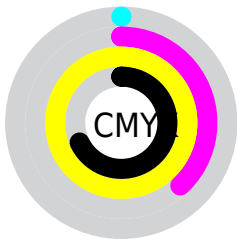
Blue (0%)



Red (20%)

Yellow (32%)

Blue (0%)

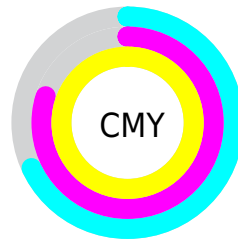


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523300 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 523300 by changing the saturation by 10% instead.

 523300

 523300

 FFFFE6

 391E00

 876130

 210700

 A37A47

 000000

 BF9460

 DCAE79

 F9CA93

 FFE6AE

 FFFFC9

 523300

■ 523608

■ 523910

■ 523C19

■ 523F21

■ 524329

■ 524631

■ 524939

■ 524C42

■ 524F4A

Harmonies

Analogous

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



622816



523300



3B3C00

Triad

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



523300



004645



4A2D60

Complementary

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



523300



001F52

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.



17386D



523300



00455E

Square

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



523300



00452A



00406C



622149

Rectangle

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



523300



284008



00406C



3E3166

Sweetspot

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



523300



6B5F4B



52001F



362E22



B5B5B5



363636

Same Dimension

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



523300



6B4300



485200



292725



694100



E89000

Inverse Universe

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



001F52



00286B



0A0052



252629



002869



0058E8

Previews

White Background



This preview shows how the Hex color 523300 looks on a white background.

Color Contrast Check

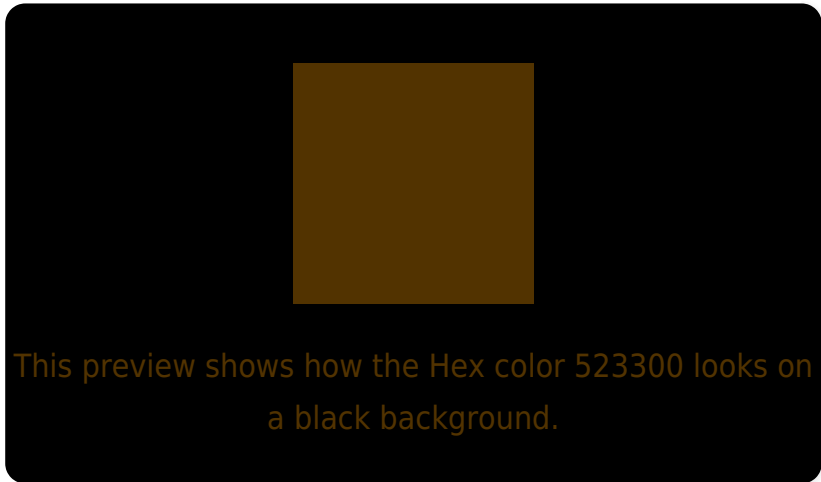
Large Text (above 18pt) WCAG AA ✓ Pass

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

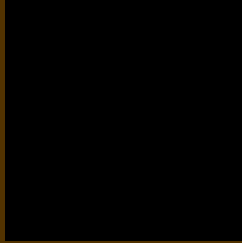
Any Text WCAG AA × Fail

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 523300 Background



This preview shows how black text looks on a background with the Hex color 523300.



This preview shows how white text looks on a background with the Hex color 523300.

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
523300

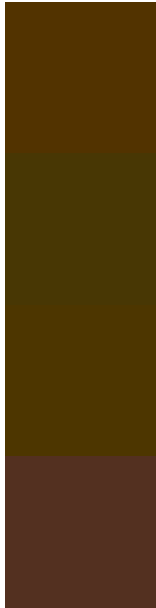
Protanopia
423A06

Deuteranopia
4A3700



Tritanopia
542F33

Trichromacy



Original Color
523300

Protanomaly
483704

Deuteranomaly
4D3600

Tritanomaly
533020

Monochromacy



Original Color
523300

Achromatopsia
363636

Achromatomaly
403522

CSS Examples

Text

The CSS property to change the color of the text to Hex 523300 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 #523300 looks like.

```
.text, #text, p{  
    color:#523300  
}
```

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 #523300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523300
}
```

Border

The CSS property to change the border of an element to Hex 523300 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
#523300 }
```

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

```
.border{ border-color:#523300 }
```

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

Here you see how a box with a 4 pixel #523300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523300; -webkit-box-shadow:4px 4px  
4px 4px #523300; box-shadow:4px 4px 4px  
4px #523300 }
```

Background

The CSS property to change the background color of an element to Hex 523300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523300 }
```

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

```
.background{ background-color:#523300 }
```

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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