

Converting Colors

Hex(523A05)

Have a look what the booklet for
Hex(523A05) contains.

Hex(523A05)	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(523A05)

Conversions

Conversions Part 1

Format	Color
Hex	523A05
RGB	82, 58, 5
RGB Percent	32%, 23%, 2%
CMY	0.6784, 0.7725, 0.9804
CMYK	0.00, 0.29, 0.94, 0.68
HSL	41°, 89%, 17%
HSV	41°, 94%, 32%
XYZ	5.0201, 4.8309, 0.8114
YIQ	59.1340, 31.3170, -11.3950

Conversions

Conversions Part 2

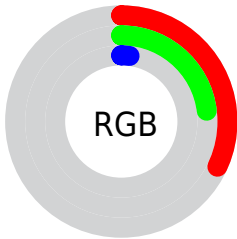
Format	Color
R_{YB}	40, 82, 5
Decimal	5388805
CIE Lab	26.25, 5.50, 33.65
CIE LCh	26, 34.094, 80.722
Yxy	4.8309, 0.4708, 0.4531
Android (android.graphics.Color)	4283578885 (0xFF523A05)
YUV	59.1340, -26.6881, 20.0535
Hunter-Lab	21.9793, 2.3060, 13.1966

Details

The Hex color **523A05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **051D52**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **876934**, and **211000** is the 20% darker color. If you saturate the color by 10%, you get **523800**, and if you desaturate by 10%, it is **523D0D**.

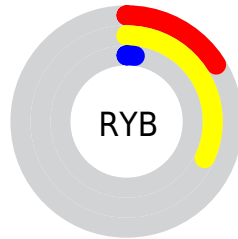
Distribution



Red (32%)

Green (23%)

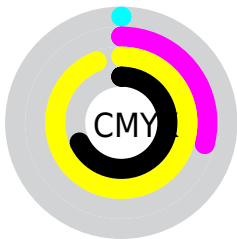
Blue (2%)



Red (16%)

Yellow (32%)

Blue (2%)

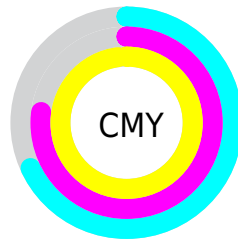


Cyan (0%)

Magenta (29%)

Yellow (94%)

Black (68%)



Cyan (68%)

Magenta (77%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523A05 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 523A05 by changing the saturation by 10% instead.

 523A05

 523A05

 FFFFEC

 392500

 876934

 211000

 A2824C

 000000

 BE9C65

 DBB77E

 F8D298

 FFEFB3

 FFFFCE

 523A05

 523A05

■ 523800

■ 523D0D

■ 523F15

■ 52421E

■ 524426

■ 52472E

■ 524936

■ 524C3E

■ 524E47

■ 52514F

Harmonies

Analogous

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



642F16



523A05



3A4207

Triad

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



523A05



004A50



552F5F

Complementary

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



523A05



051D52

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.



2F3B6F



523A05



004866

Square

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



523A05



004A35



004371



692647

Rectangle

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



523A05



264614



004371



4B3366

Sweetspot

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



523A05



6B624D



52051D



363023



B5B5B5



363636

Same Dimension

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



523A05



6B4A00



445205



292825



694800



E8A000

Inverse Universe

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



051D52



00216B



130552



252629



002169



0048E8

Previews

White Background



This preview shows how the Hex color 523A05 looks on a white background.

Color Contrast Check

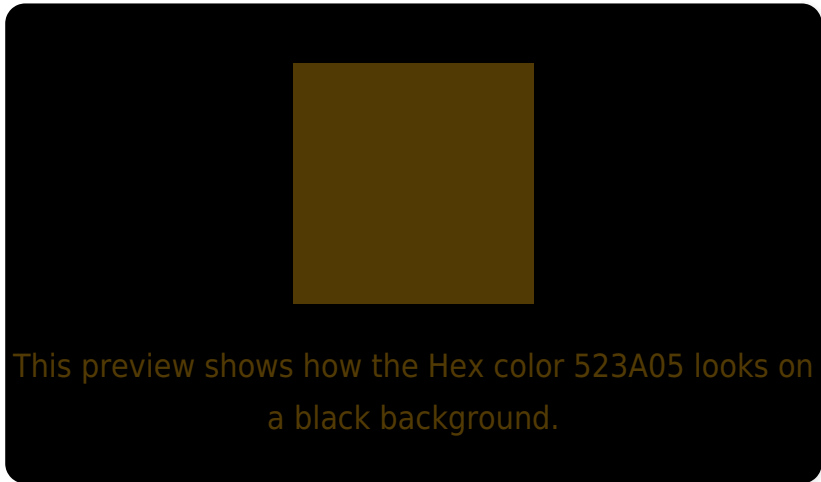
Large Text (above 18pt) WCAG AA ✓ Pass

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 523A05 Background



This preview shows how black text looks on a background with the Hex color 523A05.



This preview shows how white text looks on a background with the Hex color 523A05.

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
523A05

Protanopia
473F07

Deuteranopia
4F3B01



Tritanopia
55363A

Trichromacy



Original Color
523A05

Protanomaly
4B3D06

Deuteranomaly
503B02

Tritanomaly
543727

Monochromacy



Original Color
523A05

Achromatopsia
3B3B3B

Achromatomaly
433B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 523A05 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 #523A05 looks like.

```
.text, #text, p{  
    color:#523A05  
}
```

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 #523A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523A05
}
```

Border

The CSS property to change the border of an element to Hex 523A05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

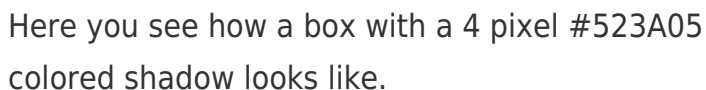
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523A05 }
```

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

```
.border{ border-color:#523A05 }
```

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



Here you see how a box with a 4 pixel #523A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523A05; -webkit-box-shadow:4px 4px  
4px 4px #523A05; box-shadow:4px 4px 4px  
4px #523A05 }
```

Background

The CSS property to change the background color of an element to Hex 523A05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523A05 }
```

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

```
.background{ background-color:#523A05 }
```

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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