

Converting Colors

Hex(503D17)

Have a look what the booklet for
Hex(503D17) contains.

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Color

Hex(503D17)

Conversions

Conversions Part 1

Format	Color
Hex	503D17
RGB	80, 61, 23
RGB Percent	31%, 24%, 9%
CMY	0.6863, 0.7608, 0.9098
CMYK	0.00, 0.24, 0.71, 0.69
HSL	40°, 55%, 20%
HSV	40°, 71%, 31%
XYZ	5.1317, 5.1048, 1.5255
YIQ	62.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

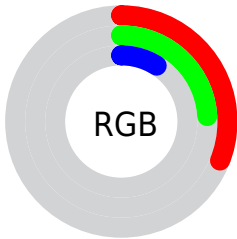
Format	Color
R_{YB}	52, 80, 23
Decimal	5258519
CIE _{Lab}	27.03, 3.50, 25.98
CIE _{LCh}	27, 26.212, 82.332
Yxy	5.1048, 0.4363, 0.4340
Android (android.graphics.Color)	4283448599 (0xFF503D17)
YUV	62.3490, -19.3991, 15.4799
Hunter-Lab	22.5939, 1.0028, 11.8126

Details

The Hex color **503D17** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **172A50**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **836C44**, and **201300** is the 20% darker color. If you saturate the color by 10%, you get **503A0F**, and if you desaturate by 10%, it is **50401F**.

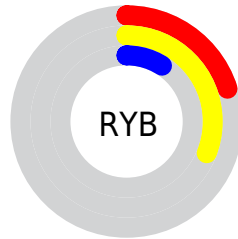
Distribution



 Red (31%)

 Green (24%)

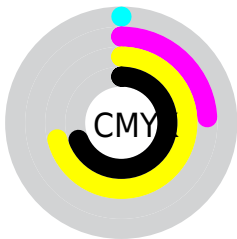
 Blue (9%)



 Red (20%)

 Yellow (31%)

 Blue (9%)

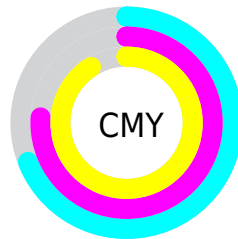


 Cyan (0%)

 Magenta (24%)

 Yellow (71%)

 Black (69%)



 Cyan (69%)

 Magenta (76%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503D17 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 503D17 by changing the saturation by 10% instead.

 503D17

 503D17

FFFFFFD

 382700

 836C44

 201300

 9E855C

 000000

 BAA075

 D6BA8E

 F3D6A9

 FFF3C4

 FFFFEO

 503D17

 503D17

■ 503A0F

■ 50401F

■ 503807

■ 504227

■ 503500

■ 50452F

■ 504837

■ 504A3F

■ 504D47

■ 50504F

■ 505257

■ 50555F

Harmonies

Analogous

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



5E3621



503D17



3D4319

Triad

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



503D17



004A4E



543559

Complementary

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



503D17



172A50

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.



393D65



503D17



00485F

Square

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



503D17



004A3A



064467



622F46

Rectangle

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



503D17



2E4621



064467



4C375E

Sweetspot

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



503D17



696153



50172A



363128



B5B5B5



363636

Same Dimension

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



503D17



694B0F



465017



292725



694600



E89B00

Inverse Universe

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



172A50



0F2D69



201750



252629



002369



004DE8

Previews

White Background



This preview shows how the Hex color 503D17 looks on a white background.

Color Contrast Check

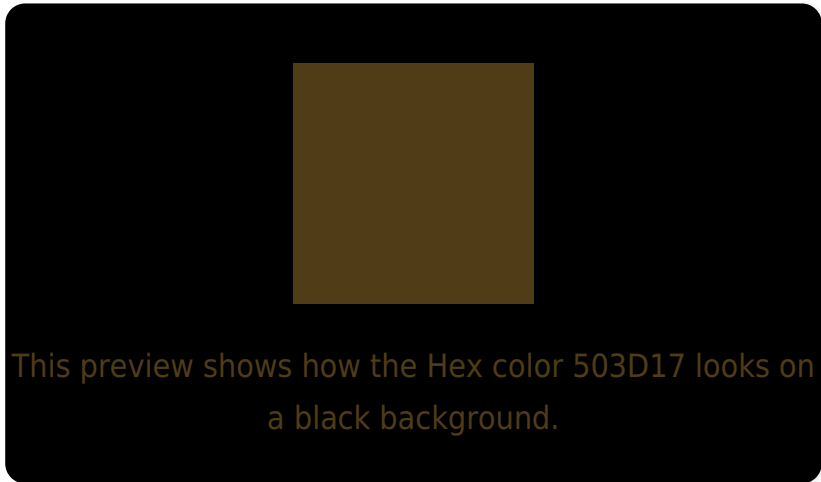
Large Text (above 18pt) WCAG AA ✓ Pass

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

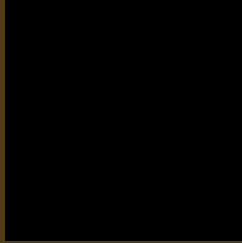
Any Text WCAG AA × Fail

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 503D17 Background



This preview shows how black text looks on a background with the Hex color 503D17.



This preview shows how white text looks on a background with the Hex color 503D17.

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
503D17

Protanopia
484018

Deuteranopia
503D17



Tritanopia
53393D

Trichromacy



Original Color
503D17

Protanomaly
4B3F18

Deuteranomaly
503D17

Tritanomaly
523A2F

Monochromacy



Original Color
503D17

Achromatopsia
3E3E3E

Achromatomaly
453E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 503D17 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 #503D17 looks like.

```
.text, #text, p{  
  color:#503D17  
}
```

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 #503D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503D17
}
```

Border

The CSS property to change the border of an element to Hex 503D17 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
#503D17 }
```

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

```
.border{ border-color:#503D17 }
```

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

Here you see how a box with a 4 pixel #503D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503D17; -webkit-box-shadow:4px 4px  
4px 4px #503D17; box-shadow:4px 4px 4px  
4px #503D17 }
```

Background

The CSS property to change the background color of an element to Hex 503D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503D17 }
```

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

```
.background{ background-color:#503D17 }
```

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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