

Converting Colors

Hex(523D38)

Have a look what the booklet for
Hex(523D38) contains.

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Color

Hex(523D38)

Conversions

Conversions Part 1

Format	Color
Hex	523D38
RGB	82, 61, 56
RGB Percent	32%, 24%, 22%
CMY	0.6784, 0.7608, 0.7804
CMYK	0.00, 0.26, 0.32, 0.68
HSL	12°, 19%, 27%
HSV	12°, 32%, 32%
XYZ	5.8622, 5.4168, 4.4780
YIQ	66.7090, 14.1210, 2.8970

Conversions

Conversions Part 2

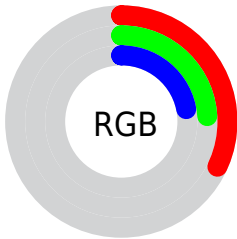
Format	Color
RYB	82, 62, 56
Decimal	5389624
CIELab	27.89, 8.37, 6.64
CIELCh	28, 10.680, 38.433
Yxy	5.4168, 0.3720, 0.3438
Android (android.graphics.Color)	4283579704 (0xFF523D38)
YUV	66.7090, -5.2795, 13.4102
Hunter-Lab	23.2741, 4.2304, 4.8844

Details

The Hex color **523D38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **384D52**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **846C67**, and **25130D** is the 20% darker color. If you saturate the color by 10%, you get **523630**, and if you desaturate by 10%, it is **524440**.

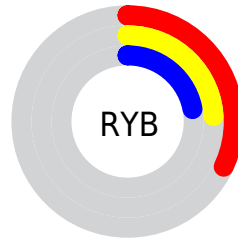
Distribution



Red (32%)

Green (24%)

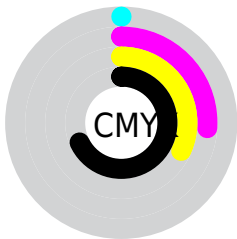
Blue (22%)



Red (32%)

Yellow (24%)

Blue (22%)

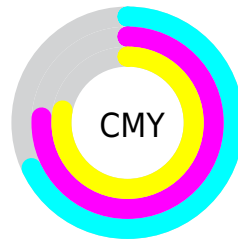


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (68%)



Cyan (68%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523D38 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 523D38 by changing the saturation by 10% instead.

 523D38

 523D38

FFFFFF

 3A2723

 846C67

 25130D

 9E8680

 000000

 B9A09A

 D5BBB5

 F2D7D0

 FFF3EC

 523D38

 523D38

 523630

 524440

■ 523028

■ 524A48

■ 52291F

■ 525151

■ 522317

■ 525759

■ 521C0F

■ 525E61

■ 521507

■ 526569

■ 521000

■ 526B71

■ 52727A

■ 527982

Harmonies

Analogous

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



533C40



523D38



4D3F33

Triad

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



523D38



33463C



3B4252

Complementary

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



523D38



384D52

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.



314451



523D38



2D4744

Square

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



523D38



3D4435



2B464C



463F4F

Rectangle

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



523D38



494132



2B464C



384352

Sweetspot

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



523D38



6B6260



52384D



36302F



B5B5B5



363636

Same Dimension

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



523D38



6B4A42



524A38



292625



691400



E82D00

Inverse Universe

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



384D52



42636B



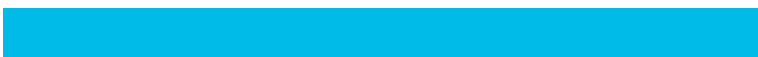
384052



252829



005469



00BBE8

Previews

White Background



This preview shows how the Hex color 523D38 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 523D38 Background



This preview shows how black text looks on a background with the Hex color 523D38.

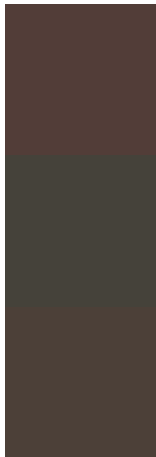


This preview shows how white text looks on a background with the Hex color 523D38.

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
523D38

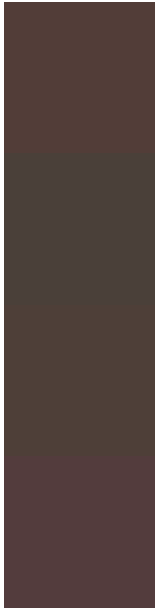
Protanopia
45423A

Deuteranopia
4C4038



Tritanopia
533C40

Trichromacy



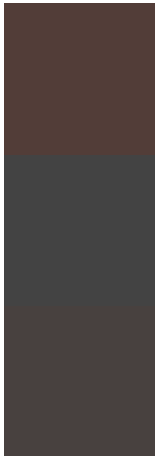
Original Color
523D38

Protanomaly
4A4039

Deuteranomaly
4E3F38

Tritanomaly
533C3D

Monochromacy



Original Color
523D38

Achromatopsia
434343

Achromatomaly
48413F

CSS Examples

Text

The CSS property to change the color of the text to Hex 523D38 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 #523D38 looks like.

```
.text, #text, p{  
    color:#523D38  
}
```

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 #523D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523D38
}
```

Border

The CSS property to change the border of an element to Hex 523D38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

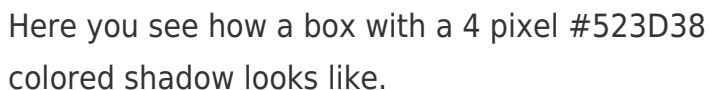
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523D38 }
```

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

```
.border{ border-color:#523D38 }
```

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



Here you see how a box with a 4 pixel #523D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523D38; -webkit-box-shadow:4px 4px  
4px 4px #523D38; box-shadow:4px 4px 4px  
4px #523D38 }
```

Background

The CSS property to change the background color of an element to Hex 523D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523D38 }
```

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

```
.background{ background-color:#523D38 }
```

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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