

Converting Colors

Hex(523D45)

Have a look what the booklet for
Hex(523D45) contains.

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Color

Hex(523D45)

Conversions

Conversions Part 1

Format	Color
Hex	523D45
RGB	82, 61, 69
RGB Percent	32%, 24%, 27%
CMY	0.6784, 0.7608, 0.7294
CMYK	0.00, 0.26, 0.16, 0.68
HSL	337°, 15%, 28%
HSV	337°, 26%, 32%
XYZ	6.2226, 5.5610, 6.3756
YIQ	68.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

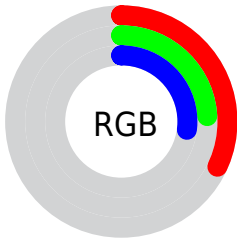
Format	Color
RYB	82, 61, 69
Decimal	5389637
CIELab	28.28, 10.67, -1.32
CIELCh	28, 10.752, 352.924
Yxy	5.5610, 0.3427, 0.3062
Android (android.graphics.Color)	4283579717 (0xFF523D45)
YUV	68.1910, 0.3988, 12.1105
Hunter-Lab	23.5818, 5.8333, 0.4774

Details

The Hex color **523D45** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D524A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **846D75**, and **25131A** is the 20% darker color. If you saturate the color by 10%, you get **523540**, and if you desaturate by 10%, it is **52454A**.

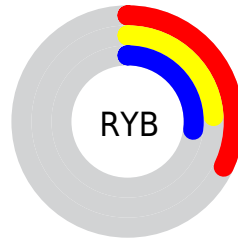
Distribution



 Red (32%)

 Green (24%)

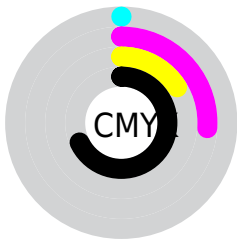
 Blue (27%)



 Red (32%)

 Yellow (24%)

 Blue (27%)

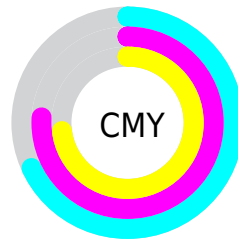



 Cyan (0%)

 Magenta (26%)

 Yellow (16%)

 Black (68%)



 Cyan (68%)

 Magenta (76%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523D45 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 523D45 by changing the saturation by 10% instead.

■ 523D45

■ 523D45

FFFFFF

■ 3B272F

■ 846D75

■ 25131A

■ 9E868F

■ 080000

■ B9A0A9

■ 000000

■ D5BBC4

■ F1D7E0

■ FFF3FD

■ 523D45

■ 523D45

■ 523540

■ 52454A

■ 522D3B

■ 524D4F

■ 522436

■ 525654

■ 521C31

■ 525E59

■ 52142C

■ 52665E

■ 520C27

■ 526E63

■ 520421

■ 527669

■ 52001F

■ 527F6E

■ 528773

Harmonies

Analogous

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



4C3F4D



523D45



543D3D

Triad

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



523D45



424433



2E4650

Complementary

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



523D45



3D524A

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.



2C4749



523D45



394639

Square

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



523D45



4B4132



304740



374453

Rectangle

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



523D45



533E38



304740



2D474E

Sweetspot

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



523D45



6B6366



4A3D52



363032



B5B5B5



363636

Same Dimension

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



523D45



6B4A57



523F3D



292526



690028



E80058

Inverse Universe

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



523D45



6B4A57



3D5052



292526



690028



E80058

Previews

White Background



This preview shows how the Hex color 523D45 looks on a white background.

Color Contrast Check

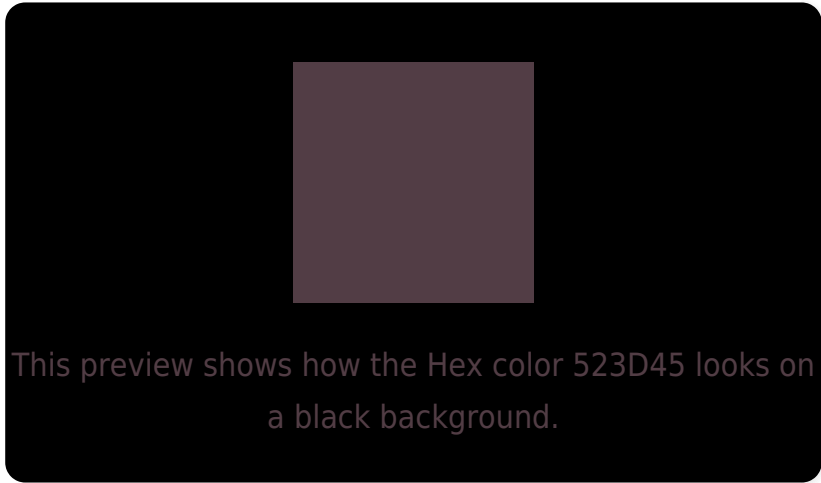
Large Text (above 18pt) WCAG AA ✓ Pass

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

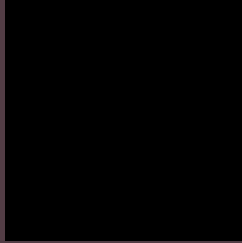
Any Text WCAG AA × Fail

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 523D45 Background



This preview shows how black text looks on a background with the Hex color 523D45.

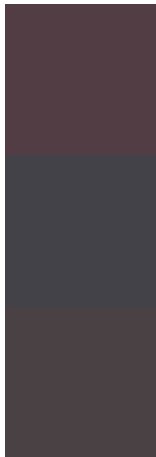


This preview shows how white text looks on a background with the Hex color 523D45.

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
523D45

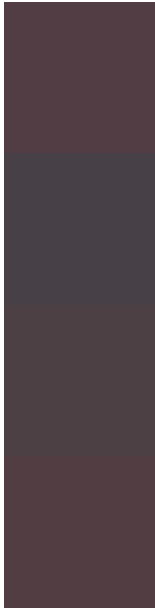
Protanopia
434248

Deuteranopia
494144



Tritanopia
523D42

Trichromacy



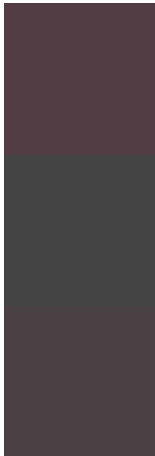
Original Color
523D45

Protanomaly
484047

Deuteranomaly
4C4044

Tritanomaly
523D43

Monochromacy



Original Color
523D45

Achromatopsia
444444

Achromatomaly
494144

CSS Examples

Text

The CSS property to change the color of the text to Hex 523D45 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 #523D45 looks like.

```
.text, #text, p{  
    color:#523D45  
}
```

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 #523D45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523D45
}
```

Border

The CSS property to change the border of an element to Hex 523D45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

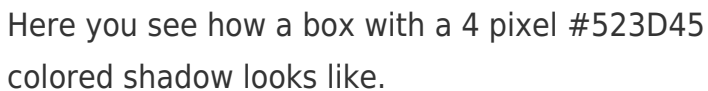
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#523D45 }
```

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

```
.border{ border-color:#523D45 }
```

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



Here you see how a box with a 4 pixel #523D45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523D45; -webkit-box-shadow:4px 4px  
4px 4px #523D45; box-shadow:4px 4px 4px  
4px #523D45 }
```

Background

The CSS property to change the background color of an element to Hex 523D45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523D45 }
```

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

```
.background{ background-color:#523D45 }
```

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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