

Converting Colors

Hex(2B513A)

Have a look what the booklet for
Hex(2B513A) contains.

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Color

Hex(2B513A)

Conversions

Conversions Part 1

Format	Color
Hex	2B513A
RGB	43, 81, 58
RGB Percent	17%, 32%, 23%
CMY	0.8314, 0.6824, 0.7725
CMYK	0.47, 0.00, 0.28, 0.68
HSL	144°, 31%, 24%
HSV	144°, 47%, 32%
XYZ	4.7024, 6.7039, 5.0491
YIQ	67.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

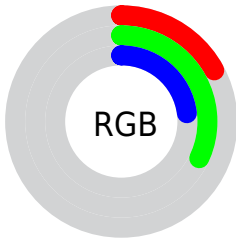
Format	Color
RYB	43, 70, 81
Decimal	2838842
CIELab	31.12, -19.56, 9.39
CIELCh	31, 21.701, 154.352
Yxy	6.7039, 0.2858, 0.4074
Android (android.graphics.Color)	4281028922 (0xFF2B513A)
YUV	67.0160, -4.4449, -21.0620
Hunter-Lab	25.8920, -12.8924, 6.5624

Details

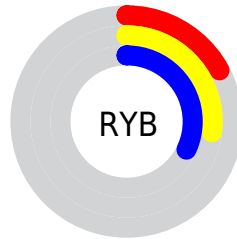
The Hex color **2B513A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512B42**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B8369**, and **002410** is the 20% darker color. If you saturate the color by 10%, you get **235135**, and if you desaturate by 10%, it is **33513F**.

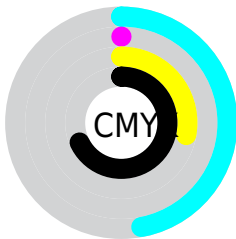
Distribution



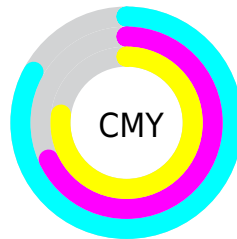
- Red (17%)
- Green (32%)
- Blue (23%)



- Red (17%)
- Yellow (27%)
- Blue (32%)



- Cyan (47%)
- Magenta (0%)
- Yellow (28%)
- Black (68%)



- Cyan (83%)
- Magenta (68%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B513A 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 2B513A by changing the saturation by 10% instead.

■ 2B513A

■ 2B513A

FFFFFF

■ 143A24

■ 5B8369

■ 002410

■ 749D82

■ 000800

■ 8EB89C

■ 000000

■ A9D4B7

■ C4F0D3

■ E1FFE0

■ F0FFFF

■ 2B513A

■ 2B513A

■ 235135

■ 33513F

■ 1B5130

■ 3B5144

■ 13512B

■ 435149

■ 0B5126

■ 4B514E

■ 035121

■ 545153

■ 005120

■ 5C5157

■ 64515C

■ 6C5161

■ 745166

Harmonies

Analogous

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



404E2D



2B513A



11524B

Triad

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



2B513A



344A6B



693E37

Complementary

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



2B513A



512B42

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.



693C47



2B513A



4E4465

Square

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



2B513A



134F67



613E58



60432B

Rectangle

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



2B513A



005257



613E58



6A3D3C

Sweetspot

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



2B513A



5A6960



42512B



2C3630



B5B5B5



363636

Same Dimension

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



2B513A



2E6945



2B514D



252926



006929



00E85C

Inverse Universe

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



512B42



692E51



512B2F



292527



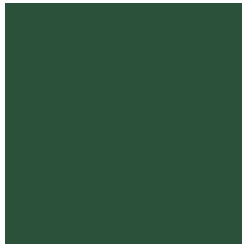
69003F



E8008C

Previews

White Background



This preview shows how the Hex color 2B513A looks on a white background.

Color Contrast Check

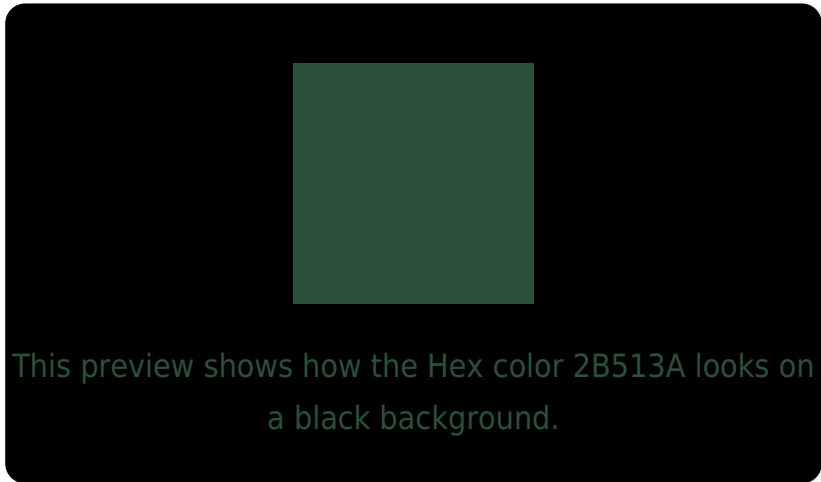
Large Text (above 18pt) WCAG AA ✓ Pass

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

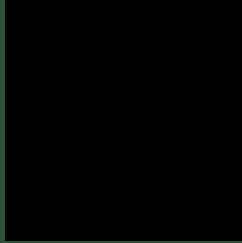
Any Text WCAG AA × Fail

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 2B513A Background



This preview shows how black text looks on a background with the Hex color 2B513A.



This preview shows how white text looks on a background with the Hex color 2B513A.

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](#).

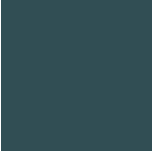
Dichromacy



Original Color
2B513A

Protanopia
4E4936

Deuteranopia
54463C



Tritanopia
314E54

Trichromacy



Original Color
2B513A

Protanomaly
414C37

Deuteranomaly
454A3B

Tritanomaly
2F4F4B

Monochromacy



Original Color
2B513A

Achromatopsia
434343

Achromatomaly
3A4840

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B513A 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 #2B513A looks like.

```
.text, #text, p{  
    color:#2B513A  
}
```

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 #2B513A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B513A
}
```

Border

The CSS property to change the border of an element to Hex 2B513A 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
#2B513A }
```

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

```
.border{ border-color:#2B513A }
```

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

Here you see how a box with a 4 pixel #2B513A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B513A; -webkit-box-shadow:4px 4px  
4px 4px #2B513A; box-shadow:4px 4px 4px  
4px #2B513A }
```

Background

The CSS property to change the background color of an element to Hex 2B513A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B513A }
```

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

```
.background{ background-color:#2B513A }
```

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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