

Converting Colors

Hex(2B553C)

Have a look what the booklet for
Hex(2B553C) contains.

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Color

Hex(2B553C)

Conversions

Conversions Part 1

Format	Color
Hex	2B553C
RGB	43, 85, 60
RGB Percent	17%, 33%, 24%
CMY	0.8314, 0.6667, 0.7647
CMYK	0.49, 0.00, 0.29, 0.67
HSL	144°, 33%, 25%
HSV	144°, 49%, 33%
XYZ	5.0604, 7.3368, 5.4244
YIQ	69.5920, -17.0070, -16.6790

Conversions

Conversions Part 2

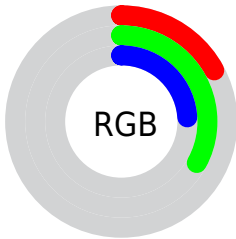
Format	Color
RYB	43, 73, 85
Decimal	2839868
CIELab	32.56, -21.22, 10.14
CIElCh	33, 23.516, 154.468
Yxy	7.3368, 0.2839, 0.4117
Android (android.graphics.Color)	4281029948 (0xFF2B553C)
YUV	69.5920, -4.7289, -23.3212
Hunter-Lab	27.0866, -14.0538, 7.0871

Details

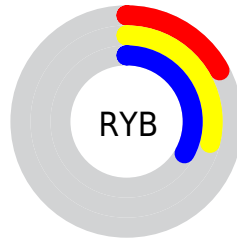
The Hex color **2B553C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552B44**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5B876B**, and **002712** is the 20% darker color. If you saturate the color by 10%, you get **235537**, and if you desaturate by 10%, it is **335541**.

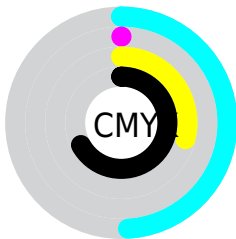
Distribution



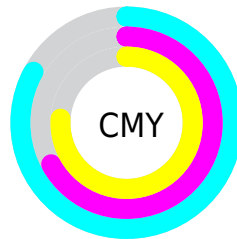
- Red (17%)
- Green (33%)
- Blue (24%)



- Red (17%)
- Yellow (29%)
- Blue (33%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (67%)



- Cyan (83%)
- Magenta (67%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B553C 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 2B553C by changing the saturation by 10% instead.

 2B553C

 2B553C

FFFFFF

 133E26

 5B876B

 002712

 75A185

 001000

 8FBD9F

 000000

 AAD8BA

 C5F5D5

 E2FFF2

FEFFFF

 2B553C

 2B553C

■ 235537

■ 335541

■ 1A5532

■ 3C5546

■ 12552D

■ 45554B

■ 095528

■ 4D5550

■ 015523

■ 565555

■ 005522

■ 5E555A

■ 66555F

■ 6F5564

■ 77556A

Harmonies

Analogous

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



42522D



2B553C



0A564F

Triad

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



2B553C



354E71



6F4039

Complementary

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



2B553C



552B44

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.



703E4A



2B553C



52476B

Square

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



2B553C



0B536E



66405D



65462B

Rectangle

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



2B553C



00565B



66405D



703F3E

Sweetspot

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



2B553C



5D6E64



44552B



2E3832



B8B8B8



383838

Same Dimension

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



2B553C



2D6E47



2B5551



272B29



006B2B



00EB5F

Inverse Universe

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



552B44



6E2D53



552B2F



2B272A



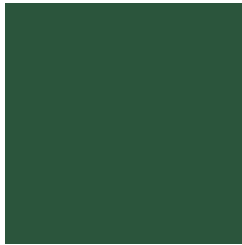
6B0040



EB008C

Previews

White Background



This preview shows how the Hex color 2B553C looks on a white background.

Color Contrast Check

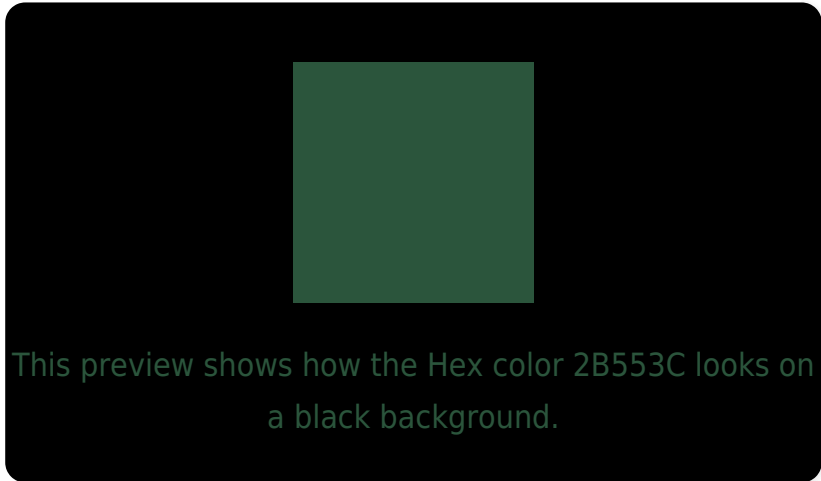
Large Text (above 18pt) WCAG AA ✓ Pass

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

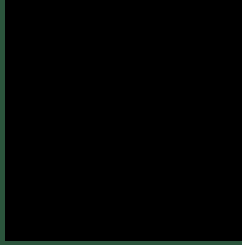
Any Text WCAG AA × Fail

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 2B553C Background



This preview shows how black text looks on a background with the Hex color 2B553C.



This preview shows how white text looks on a background with the Hex color 2B553C.

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
2B553C

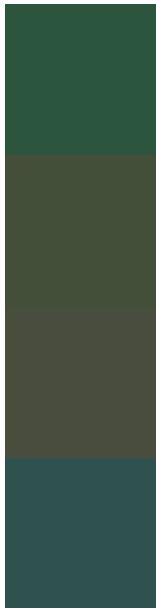
Protanopia
524C38

Deuteranopia
58493F



Tritanopia
325158

Trichromacy



Original Color
2B553C

Protanomaly
444F39

Deuteranomaly
484D3E

Tritanomaly
2F524E

Monochromacy



Original Color
2B553C

Achromatopsia
464646

Achromatomaly
3C4B42

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B553C 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 #2B553C looks like.

```
.text, #text, p{  
    color:#2B553C  
}
```

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 #2B553C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B553C
}
```

Border

The CSS property to change the border of an element to Hex 2B553C 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
#2B553C }
```

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

```
.border{ border-color:#2B553C }
```

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

Here you see how a box with a 4 pixel #2B553C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B553C; -webkit-box-shadow:4px 4px  
4px 4px #2B553C; box-shadow:4px 4px 4px  
4px #2B553C }
```

Background

The CSS property to change the background color of an element to Hex 2B553C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B553C }
```

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

```
.background{ background-color:#2B553C }
```

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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