

Converting Colors

Hex(2C504B)

Have a look what the booklet for
Hex(2C504B) contains.

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Color

Hex(2C504B)

Conversions

Conversions Part 1

Format	Color
Hex	2C504B
RGB	44, 80, 75
RGB Percent	17%, 31%, 29%
CMY	0.8275, 0.6863, 0.7059
CMYK	0.45, 0.00, 0.06, 0.69
HSL	172°, 29%, 24%
HSV	172°, 45%, 31%
XYZ	5.1774, 6.7808, 7.6926
YIQ	68.6660, -19.8510, -9.1870

Conversions

Conversions Part 2

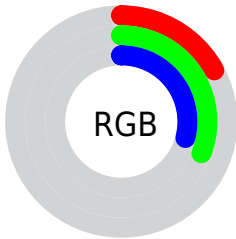
Format	Color
R_{YB}	44, 63, 80
Decimal	2904139
CIE Lab	31.30, -14.35, -1.12
CIE LCh	31, 14.398, 184.477
Yxy	6.7808, 0.2635, 0.3451
Android (android.graphics.Color)	4281094219 (0xFF2C504B)
YUV	68.6660, 3.1227, -21.6321
Hunter-Lab	26.0400, -10.0799, 0.7129

Details

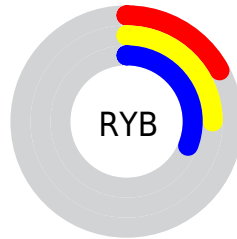
The Hex color **2C504B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **502C31**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5C817C**, and **00231F** is the 20% darker color. If you saturate the color by 10%, you get **24504A**, and if you desaturate by 10%, it is **34504C**.

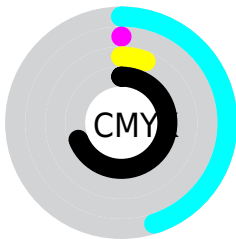
Distribution



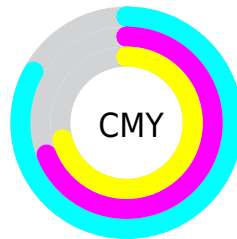
- Red (17%)
- Green (31%)
- Blue (29%)



- Red (17%)
- Yellow (25%)
- Blue (31%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (69%)



- Cyan (83%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C504B 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 2C504B by changing the saturation by 10% instead.

 2C504B

 2C504B

FFFFFF

 143934

 5C817C

 00231F

 759B95

 000907

 8FB6B0

 000000

 AAD2CC

 C6EEE8

 E2FFFF

 2C504B

 2C504B

 24504A

 34504C

■ 1C5049

■ 3C504D

■ 145048

■ 44504E

■ 0C5047

■ 4C504F

■ 045045

■ 545051

■ 005045

■ 5C5052

■ 645053

■ 6C5054

■ 745055

Harmonies

Analogous

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



374F40



2C504B



284F56

Triad

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



2C504B



4E465C



5A4636

Complementary

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



2C504B



502C31

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.



60433D



2C504B



5A4354

Square

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



2C504B



3E4A60



604148



504933

Rectangle

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



2C504B



2C4E5C



604148



5D4538

Sweetspot

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



2C504B



5A6967



31502C



2C3634



B5B5B5



363636

Same Dimension

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



2C504B



306961



2C4350



252928



00695A



00E8C8

Inverse Universe

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



502C31



693038



50392C



292525



69000F



E80020

Previews

White Background



This preview shows how the Hex color 2C504B looks on a white background.

Color Contrast Check

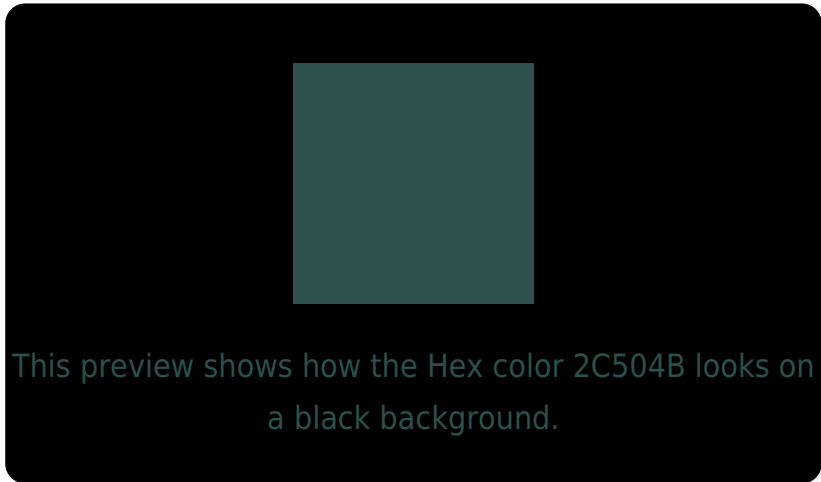
Large Text (above 18pt) WCAG AA ✓ Pass

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

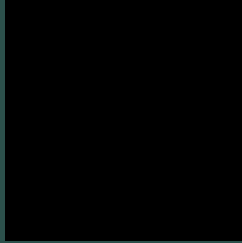
Any Text WCAG AA × Fail

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 2C504B Background



This preview shows how black text looks on a background with the Hex color 2C504B.



This preview shows how white text looks on a background with the Hex color 2C504B.

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](#).

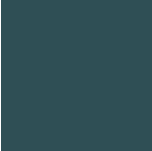
Dichromacy



Original Color
2C504B

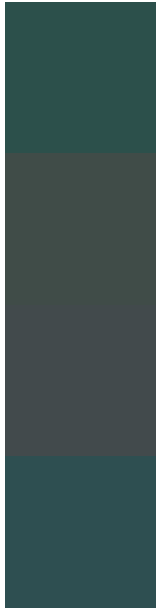
Protanopia
4B4947

Deuteranopia
4F474D



Tritanopia
2F4F55

Trichromacy



Original Color
2C504B

Protanomaly
404C48

Deuteranomaly
424A4C

Tritanomaly
2E4F51

Monochromacy



Original Color
2C504B

Achromatopsia
454545

Achromatomaly
3C4947

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C504B 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 #2C504B looks like.

```
.text, #text, p{  
    color:#2C504B  
}
```

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 #2C504B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C504B
}
```

Border

The CSS property to change the border of an element to Hex 2C504B 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".

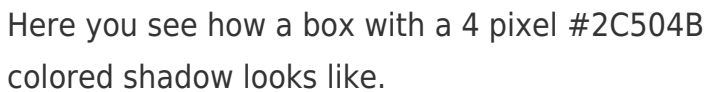
```
.border, #border, table{ border:4px solid
#2C504B }
```

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

```
.border{ border-color:#2C504B }
```

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

Here you see how a box with a 4 pixel #2C504B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C504B; -webkit-box-shadow:4px 4px  
4px 4px #2C504B; box-shadow:4px 4px 4px  
4px #2C504B }
```

Background

The CSS property to change the background color of an element to Hex 2C504B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C504B }
```

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

```
.background{ background-color:#2C504B }
```

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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