

Converting Colors

Hex(2C564C)

Have a look what the booklet for
Hex(2C564C) contains.

Hex(2C564C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C564C)

Conversions

Conversions Part 1

Format	Color
Hex	2C564C
RGB	44, 86, 76
RGB Percent	17%, 34%, 30%
CMY	0.8275, 0.6627, 0.7020
CMYK	0.49, 0.00, 0.12, 0.66
HSL	166°, 32%, 25%
HSV	166°, 49%, 34%
XYZ	5.6710, 7.7129, 8.0273
YIQ	72.3020, -21.8220, -12.0140

Conversions

Conversions Part 2

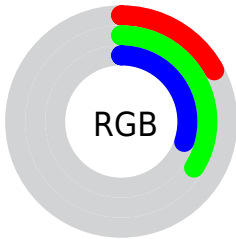
Format	Color
RYB	44, 68, 86
Decimal	2905676
CIELab	33.38, -17.46, 1.27
CIELCh	33, 17.502, 175.834
Yxy	7.7129, 0.2649, 0.3602
Android (android.graphics.Color)	4281095756 (0xFF2C564C)
YUV	72.3020, 1.8231, -24.8209
Hunter-Lab	27.7720, -12.1516, 2.3030

Details

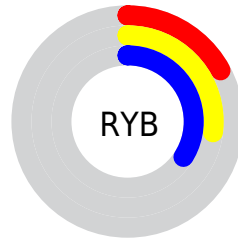
The Hex color **2C564C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **562C36**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5D887D**, and **002820** is the 20% darker color. If you saturate the color by 10%, you get **23564A**, and if you desaturate by 10%, it is **35564E**.

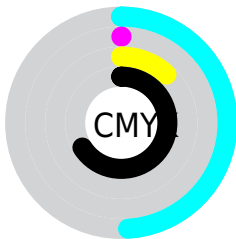
Distribution



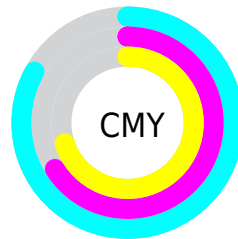
- Red (17%)
- Green (34%)
- Blue (30%)



- Red (17%)
- Yellow (27%)
- Blue (34%)



- Cyan (49%)
- Magenta (0%)
- Yellow (12%)
- Black (66%)



- Cyan (83%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C564C 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 2C564C by changing the saturation by 10% instead.



2C564C



2C564C

FFFFFF



143F35



5D887D



002820



76A297



001409



90BDB1



000000



ABD9CD



C7F6E9



E3FFFF



2C564C



2C564C



23564A



35564E

■ 1B5648

■ 3D5650

■ 125646

■ 465652

■ 0A5644

■ 4E5654

■ 015642

■ 575656

■ 005642

■ 605658

■ 68565A

■ 71565C

■ 79565E

Harmonies

Analogous

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



3C543F



2C564C



22565A

Triad

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



2C564C



4E4C67



654838

Complementary

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



2C564C



562C36

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.



6A4543



2C564C



5E475E

Square

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



2C564C



39506A



684451



5A4D33

Rectangle

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



2C564C



235562



684451



67473B

Sweetspot

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



2C564C



5F706C



37562C



2E3836



B8B8B8



383838

Same Dimension

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



2C564C



2E7060



2C4C56



272B2A



006B52



00EBB3

Inverse Universe

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



562C36



702E3E



56372C



2B2728



6B001A



EB0038

Previews

White Background



This preview shows how the Hex color 2C564C looks on a white background.

Color Contrast Check

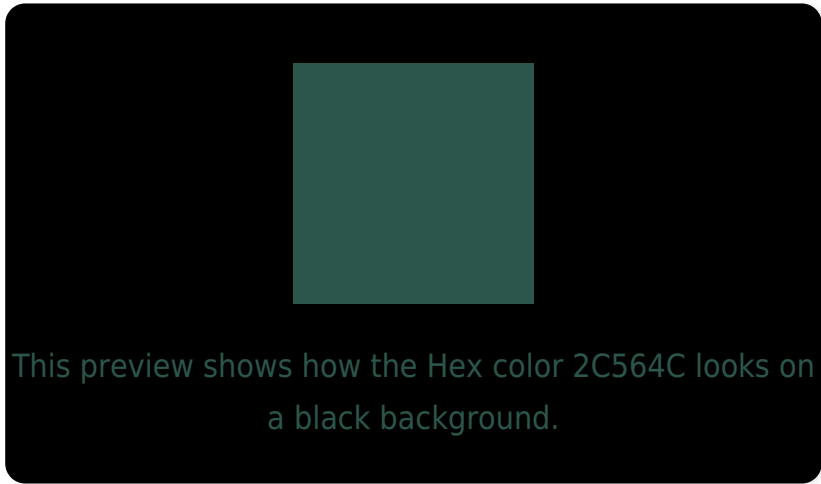
Large Text (above 18pt) WCAG AA ✓ Pass

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

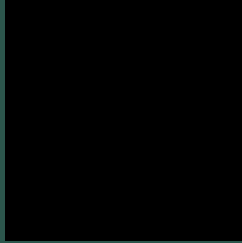
Any Text WCAG AA × Fail

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 2C564C Background



This preview shows how black text looks on a background with the Hex color 2C564C.



This preview shows how white text looks on a background with the Hex color 2C564C.

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
2C564C

Protanopia
514E48

Deuteranopia
564C4E



Tritanopia
30545B

Trichromacy



Original Color
2C564C

Protanomaly
445149

Deuteranomaly
47504D

Tritanomaly
2F5556

Monochromacy



Original Color
2C564C

Achromatopsia
484848

Achromatomaly
3E4D49

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C564C 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 #2C564C looks like.

```
.text, #text, p{  
    color:#2C564C  
}
```

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 #2C564C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C564C  
}
```

Border

The CSS property to change the border of an element to Hex 2C564C 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  
#2C564C }
```

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

```
.border{ border-color:#2C564C }
```

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

Here you see how a box with a 4 pixel #2C564C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C564C; -webkit-box-shadow:4px 4px  
4px 4px #2C564C; box-shadow:4px 4px 4px  
4px #2C564C }
```

Background

The CSS property to change the background color of an element to Hex 2C564C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C564C }
```

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

```
.background{ background-color:#2C564C }
```

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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