

Converting Colors

Hex(2C6648)

Have a look what the booklet for
Hex(2C6648) contains.

Hex(2C6648)	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(2C6648)

Conversions

Conversions Part 1

Format	Color
Hex	2C6648
RGB	44, 102, 72
RGB Percent	17%, 40%, 28%
CMY	0.8275, 0.6000, 0.7176
CMYK	0.57, 0.00, 0.29, 0.60
HSL	149°, 40%, 29%
HSV	149°, 57%, 40%
XYZ	6.9598, 10.5061, 7.7920
YIQ	81.2380, -24.9380, -21.6260

Conversions

Conversions Part 2

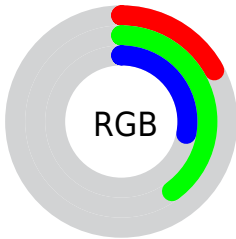
Format	Color
RYB	44, 83, 102
Decimal	2909768
CIELab	38.74, -26.75, 11.34
CIElCh	39, 29.053, 157.030
Yxy	10.5061, 0.2755, 0.4160
Android (android.graphics.Color)	4281099848 (0xFF2C6648)
YUV	81.2380, -4.5543, -32.6577
Hunter-Lab	32.4131, -18.3952, 8.4361

Details

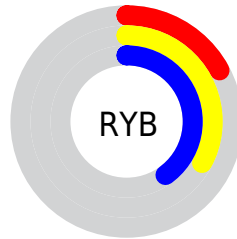
The Hex color **2C6648** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662C4A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5F9A79**, and **00361C** is the 20% darker color. If you saturate the color by 10%, you get **226643**, and if you desaturate by 10%, it is **36664D**.

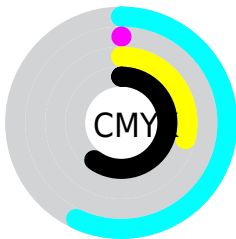
Distribution



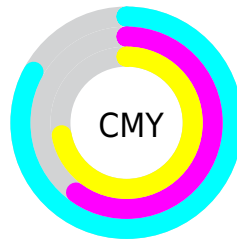
- Red (17%)
- Green (40%)
- Blue (28%)



- Red (17%)
- Yellow (33%)
- Blue (40%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (60%)



- Cyan (83%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C6648 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 2C6648 by changing the saturation by 10% instead.



2C6648



2C6648

FFFFFF



104E31



5F9A79



00361C



79B592



002203



93D0AD



000000



AFEDC8



CBFFE4



E7FFFF



2C6648



2C6648



226643



36664D

■ 18663D

■ 406653

■ 0D6638

■ 4B6658

■ 036633

■ 55665D

■ 006631

■ 5F6662

■ 696668

■ 73666D

■ 7E6672

■ 886677

Harmonies

Analogous

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



4B6234



2C6648



006760

Triad

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



2C6648



3F5C8A



854C40

Complementary

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



2C6648



662C4A

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.



884857



2C6648



655381

Square

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



2C6648



006386



7D4B6E



795330

Rectangle

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



2C6648



006770



7D4B6E



884A47

Sweetspot

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



2C6648



6E8579



4B662C



35423B



C2C2C2



424242

Same Dimension

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



2C6648



2A8556



2C6664



2E3330



007337



00F275

Inverse Universe

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



662C4A



852A59



662C2E



332E31



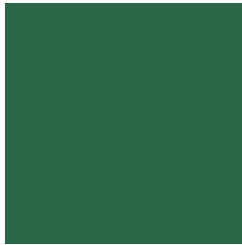
73003B



F2007D

Previews

White Background



This preview shows how the Hex color 2C6648 looks on a white background.

Color Contrast Check

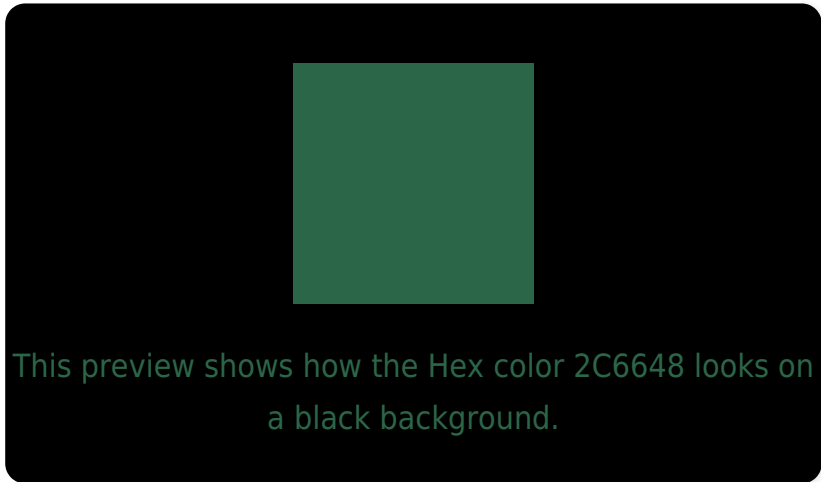
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

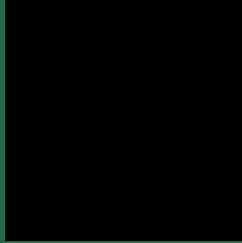
Any Text WCAG AA × Fail

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 2C6648 Background



This preview shows how black text looks on a background with the Hex color 2C6648.



This preview shows how white text looks on a background with the Hex color 2C6648.

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
2C6648

Protanopia
615B43

Deuteranopia
69574B



Tritanopia
36626A

Trichromacy



Original Color
2C6648

Protanomaly
4E5F45

Deuteranomaly
535C4A

Tritanomaly
32635E

Monochromacy



Original Color
2C6648

Achromatopsia
515151

Achromatomaly
44594E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C6648 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 #2C6648 looks like.

```
.text, #text, p{  
    color:#2C6648  
}
```

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 #2C6648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C6648
}
```

Border

The CSS property to change the border of an element to Hex 2C6648 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".

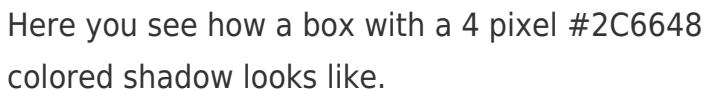
```
.border, #border, table{ border:4px solid
#2C6648 }
```

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

```
.border{ border-color:#2C6648 }
```

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

Here you see how a box with a 4 pixel #2C6648 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C6648; -webkit-box-shadow:4px 4px  
4px 4px #2C6648; box-shadow:4px 4px 4px  
4px #2C6648 }
```

Background

The CSS property to change the background color of an element to Hex 2C6648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C6648 }
```

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

```
.background{ background-color:#2C6648 }
```

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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