

Converting Colors

Hex(2B7064)

Have a look what the booklet for
Hex(2B7064) contains.

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Color

Hex(2B7064)

Conversions

Conversions Part 1

Format	Color
Hex	2B7064
RGB	43, 112, 100
RGB Percent	17%, 44%, 39%
CMY	0.8314, 0.5608, 0.6078
CMYK	0.62, 0.00, 0.11, 0.56
HSL	170°, 45%, 30%
HSV	170°, 62%, 44%
XYZ	9.0907, 13.0220, 14.0910
YIQ	90.0010, -37.2720, -18.3600

Conversions

Conversions Part 2

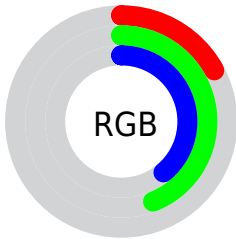
Format	Color
RYB	43, 81, 112
Decimal	2846820
CIELab	42.80, -24.77, 0.21
CIELCh	43, 24.774, 179.515
Yxy	13.0220, 0.2511, 0.3597
Android (android.graphics.Color)	4281036900 (0xFF2B7064)
YUV	90.0010, 4.9295, -41.2199
Hunter-Lab	36.0861, -18.1835, 2.1085

Details

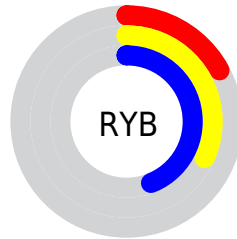
The Hex color **2B7064** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **702B37**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60A497**, and **004036** is the 20% darker color. If you saturate the color by 10%, you get **207062**, and if you desaturate by 10%, it is **367066**.

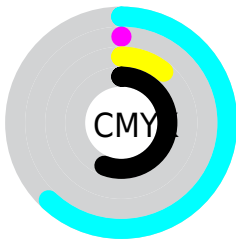
Distribution



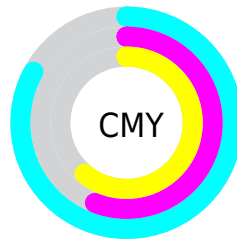
- Red (17%)
- Green (44%)
- Blue (39%)



- Red (17%)
- Yellow (32%)
- Blue (44%)



- Cyan (62%)
- Magenta (0%)
- Yellow (11%)
- Black (56%)



- Cyan (83%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7064 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 2B7064 by changing the saturation by 10% instead.



2B7064



2B7064

FFFFFF



0A574C



60A497



004036



7BBFB1



002920



96DBCD



001209



B2F8E9



000000



CEFFFF



EBFFFF



2B7064



2B7064



207062



367066

■ 157060

■ 417068

■ 09705E

■ 4D706A

■ 00705D

■ 58706C

■ 63706E

■ 6E7070

■ 797072

■ 857074

■ 907076

Harmonies

Analogous

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



456E50



2B7064



157078

Triad

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



2B7064



676089



835D42

Complementary

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



2B7064



702B37

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.



8C5752



2B7064



7F597A

Square

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



2B7064



47678E



8B5566



73643C

Rectangle

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



2B7064



1C6E84



8B5566



875A47

Sweetspot

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



2B7064



77918D



38702B



3A4A47



C9C9C9



4A4A4A

Same Dimension

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



2B7064



26917F



2B5A70



323837



007863



00F7CC

Inverse Universe

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



702B37



912638



70412B



383233



780015



F7002B

Previews

White Background



This preview shows how the Hex color 2B7064 looks on a white background.

Color Contrast Check

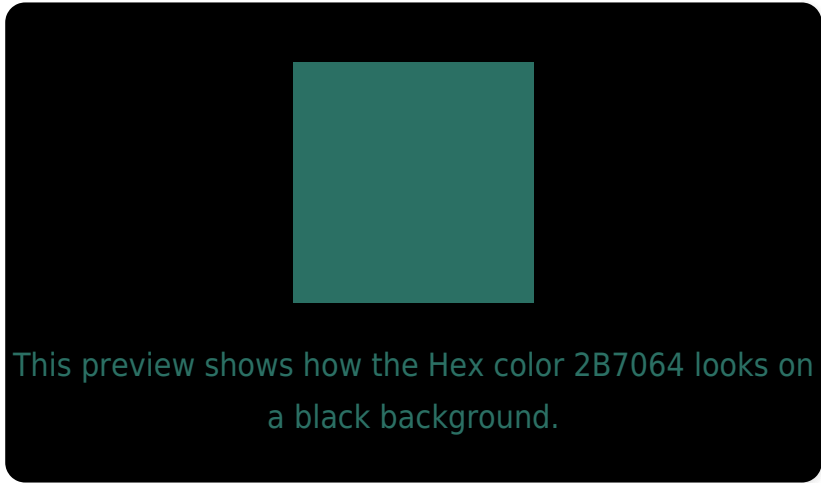
Large Text (above 18pt) WCAG AA ✓ Pass

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

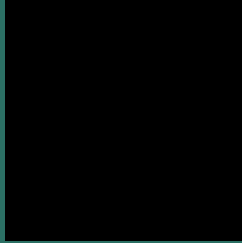
Any Text WCAG AA × Fail

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 2B7064 Background



This preview shows how black text looks on a background with the Hex color 2B7064.

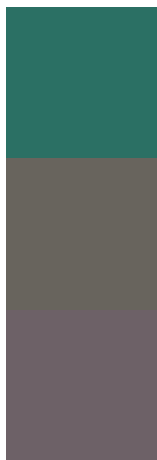


This preview shows how white text looks on a background with the Hex color 2B7064.

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
2B7064

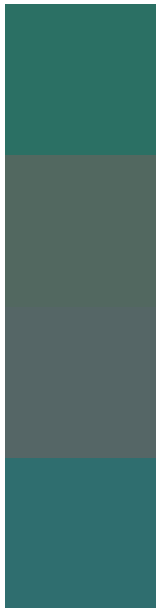
Protanopia
68645D

Deuteranopia
6D6167



Tritanopia
326D76

Trichromacy



Original Color
2B7064

Protanomaly
526860

Deuteranomaly
556666

Tritanomaly
2F6E6F

Monochromacy



Original Color
2B7064

Achromatopsia
5A5A5A

Achromatomaly
49625E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7064 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 #2B7064 looks like.

```
.text, #text, p{  
    color:#2B7064  
}
```

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 #2B7064 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7064
}
```

Border

The CSS property to change the border of an element to Hex 2B7064 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
#2B7064 }
```

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

```
.border{ border-color:#2B7064 }
```

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

Here you see how a box with a 4 pixel #2B7064 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7064; -webkit-box-shadow:4px 4px  
4px 4px #2B7064; box-shadow:4px 4px 4px  
4px #2B7064 }
```

Background

The CSS property to change the background color of an element to Hex 2B7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7064 }
```

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

```
.background{ background-color:#2B7064 }
```

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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