

Converting Colors

Hex(2B775B)

Have a look what the booklet for
Hex(2B775B) contains.

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Color

Hex(2B775B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 2B775B |
| RGB | 43, 119, 91 |
| RGB Percent | 17%, 47%, 36% |
| CMY | 0.8314, 0.5333, 0.6431 |
| CMYK | 0.64, 0.00, 0.24, 0.53 |
| HSL | 158°, 47%, 32% |
| HSV | 158°, 64%, 47% |
| XYZ | 9.4814, 14.4626, 12.1894 |
| YIQ | 93.0840, -36.3080, -24.8200 |

Conversions

Conversions Part 2

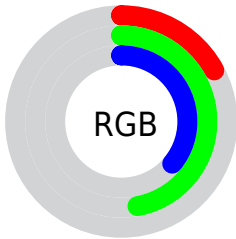
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 43, 90, 119 |
| Decimal | 2848603 |
| CIELab | 44.89, -30.56, 8.59 |
| CIElCh | 45, 31.748, 164.301 |
| Yxy | 14.4626, 0.2624, 0.4003 |
| Android (android.graphics.Color) | 4281038683 (0xFF2B775B) |
| YUV | 93.0840, -1.0274, -43.9237 |
| Hunter-Lab | 38.0297, -22.0490, 7.6170 |

Details

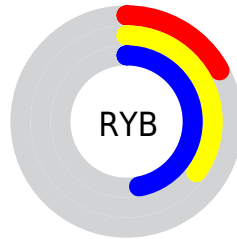
The Hex color **2B775B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **772B47**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **61AC8D**, and **00462D** is the 20% darker color. If you saturate the color by 10%, you get **1F7757**, and if you desaturate by 10%, it is **37775F**.

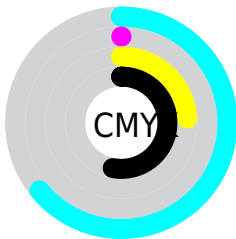
Distribution



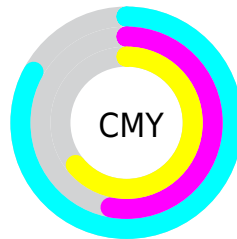
- Red (17%)
- Green (47%)
- Blue (36%)



- Red (17%)
- Yellow (35%)
- Blue (47%)



- Cyan (64%)
- Magenta (0%)
- Yellow (24%)
- Black (53%)



- Cyan (83%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B775B 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 2B775B by changing the saturation by 10% instead.



2B775B



2B775B

FFFFFF



085E43



61AC8D



00462D



7CC7A8



002F19



97E4C3



001A00



B3FFDF



000000



CFFFFB



ECFFFF



2B775B



2B775B



1F7757



37775F

■ 137752

■ 437764

■ 07774E

■ 4F7768

■ 00774B

■ 5B776D

■ 667771

■ 727775

■ 7E777A

■ 8A777E

■ 967782

Harmonies

Analogous

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



517343



2B775B



007876

Triad

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



2B775B



57699D



975B46

Complementary

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



2B775B



772B47

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.



9D555E



2B775B



7D5E90

Square

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



2B775B



1C719D



945779



876437

Rectangle

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



2B775B



007787



945779



9B584E

Sweetspot

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



2B775B



7E9C91



48772B



3D4F48



CFCFCF



4F4F4F

Same Dimension

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



2B775B



249C6F



2B6E77



353B38



007A4D



00FA9E

Inverse Universe

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



772B47



9C2450



77342B



3B3537



7A002D



FA005C

Previews

White Background



This preview shows how the Hex color 2B775B looks on a white background.

Color Contrast Check

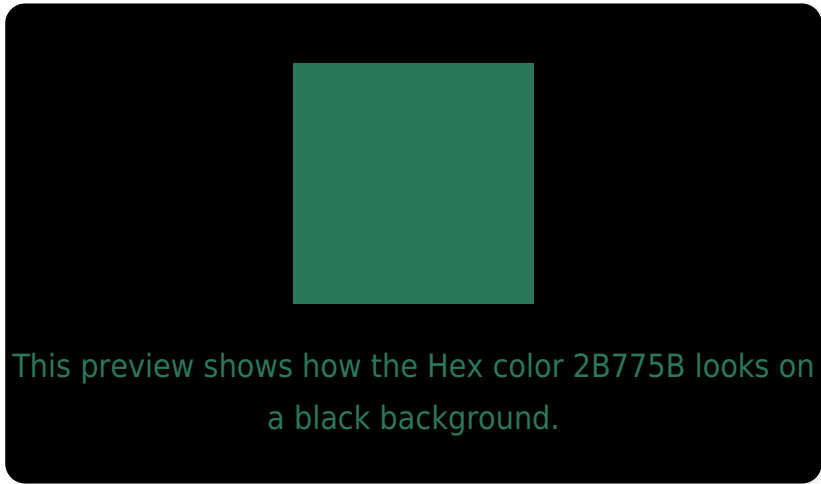
Large Text (above 18pt) WCAG AA ✓ Pass

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

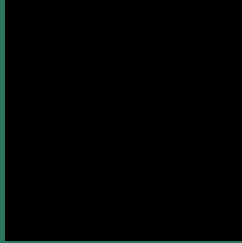
Any Text WCAG AA × Fail

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 2B775B Background



This preview shows how black text looks on a background with the Hex color 2B775B.

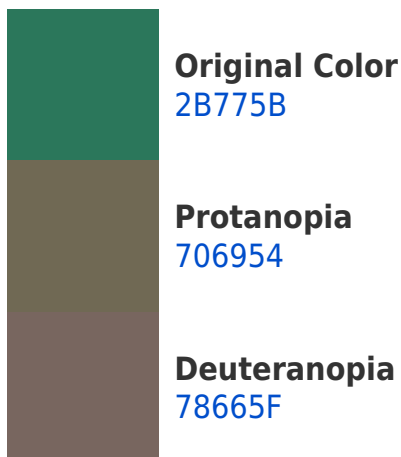



This preview shows how white text looks on a background with the Hex color 2B775B.

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





Tritanopia
37737C

Trichromacy



Original Color
2B775B

Protanomaly
576E57

Deuteranomaly
5C6C5E

Tritanomaly
337470

Monochromacy



Original Color
2B775B

Achromatopsia
5D5D5D

Achromatomaly
4B665C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B775B 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 #2B775B looks like.

```
.text, #text, p{  
  color:#2B775B  
}
```

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 #2B775B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B775B
}
```

Border

The CSS property to change the border of an element to Hex 2B775B 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
#2B775B }
```

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

```
.border{ border-color:#2B775B }
```

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

Here you see how a box with a 4 pixel #2B775B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B775B; -webkit-box-shadow:4px 4px  
4px 4px #2B775B; box-shadow:4px 4px 4px  
4px #2B775B }
```

Background

The CSS property to change the background color of an element to Hex 2B775B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B775B }
```

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

```
.background{ background-color:#2B775B }
```

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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