

Converting Colors

Hex(2B7352)

Have a look what the booklet for
Hex(2B7352) contains.

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Color

Hex(2B7352)

Conversions

Conversions Part 1

Format	Color
Hex	2B7352
RGB	43, 115, 82
RGB Percent	17%, 45%, 32%
CMY	0.8314, 0.5490, 0.6784
CMYK	0.63, 0.00, 0.29, 0.55
HSL	153°, 46%, 31%
HSV	153°, 63%, 45%
XYZ	8.6500, 13.3843, 10.1102
YIQ	89.7100, -32.3190, -25.5270

Conversions

Conversions Part 2

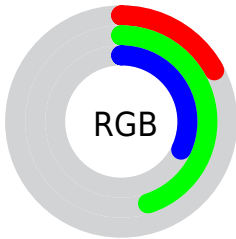
Format	Color
RYB	43, 90, 115
Decimal	2847570
CIELab	43.34, -30.86, 11.74
CIElCh	43, 33.015, 159.172
Yxy	13.3843, 0.2691, 0.4164
Android (android.graphics.Color)	4281037650 (0xFF2B7352)
YUV	89.7100, -3.8010, -40.9647
Hunter-Lab	36.5845, -21.8186, 9.2243

Details

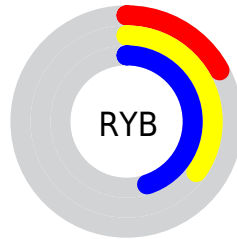
The Hex color **2B7352** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **732B4C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **60A883**, and **004225** is the 20% darker color. If you saturate the color by 10%, you get **20734D**, and if you desaturate by 10%, it is **377357**.

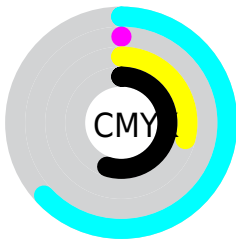
Distribution



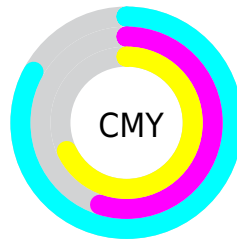
- Red (17%)
- Green (45%)
- Blue (32%)



- Red (17%)
- Yellow (35%)
- Blue (45%)



- Cyan (63%)
- Magenta (0%)
- Yellow (29%)
- Black (55%)



- Cyan (83%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7352 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 2B7352 by changing the saturation by 10% instead.



2B7352



2B7352

FFFFFF



0A5A3B



60A883



004225



7BC39E



002B10



96DFB9



001400



B2FCD4



000000



CEFFF1



EBFFFF



2B7352



2B7352



20734D



377357

■ 147347

■ 42735D

■ 097342

■ 4E7362

■ 00733E

■ 597367

■ 65736C

■ 707372

■ 7C7377

■ 87737C

■ 937381

Harmonies

Analogous

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



516F3B



2B7352



00746E

Triad

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



2B7352



49669C



965545

Complementary

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



2B7352



732B4C

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.



9A505F



2B7352



745C91

Square

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



2B7352



006E99



8F537A



875E33

Rectangle

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



2B7352



007480



8F537A



99524D

Sweetspot

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



2B7352



7A9689



4D732B



3B4D44



CCCCCC



4D4D4D

Same Dimension

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



2B7352



269663



2B7173



353B38



007A42



00FA87

Inverse Universe

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



732B4C



962659



732D2B



3B3537



7A0038



FA0073

Previews

White Background



This preview shows how the Hex color 2B7352 looks on a white background.

Color Contrast Check

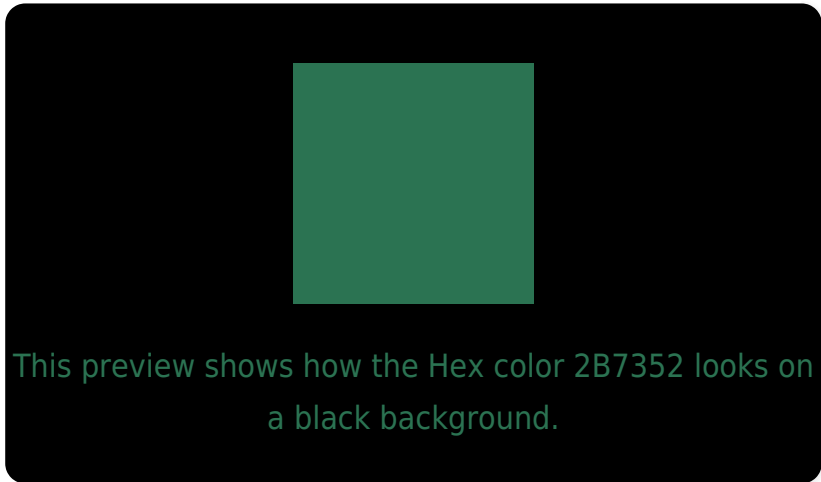
Large Text (above 18pt) WCAG AA ✓ Pass

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

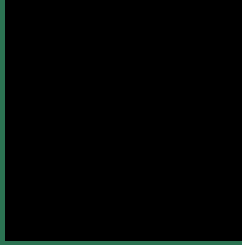
Any Text WCAG AA × Fail

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 2B7352 Background



This preview shows how black text looks on a background with the Hex color 2B7352.



This preview shows how white text looks on a background with the Hex color 2B7352.

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
2B7352

Protanopia
6D664C

Deuteranopia
756256



Tritanopia
386E77

Trichromacy



Original Color
2B7352

Protanomaly
556B4E

Deuteranomaly
5A6855

Tritanomaly
33706A

Monochromacy



Original Color
2B7352

Achromatopsia
5A5A5A

Achromatomaly
496357

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7352 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 #2B7352 looks like.

```
.text, #text, p{  
    color:#2B7352  
}
```

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 #2B7352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7352
}
```

Border

The CSS property to change the border of an element to Hex 2B7352 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
#2B7352 }
```

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

```
.border{ border-color:#2B7352 }
```

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

Here you see how a box with a 4 pixel #2B7352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7352; -webkit-box-shadow:4px 4px  
4px 4px #2B7352; box-shadow:4px 4px 4px  
4px #2B7352 }
```

Background

The CSS property to change the background color of an element to Hex 2B7352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7352 }
```

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

```
.background{ background-color:#2B7352 }
```

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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