

Converting Colors

Hex(2B6944)

Have a look what the booklet for
Hex(2B6944) contains.

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Color

Hex(2B6944)

Conversions

Conversions Part 1

Format	Color
Hex	2B6944
RGB	43, 105, 68
RGB Percent	17%, 41%, 27%
CMY	0.8314, 0.5882, 0.7333
CMYK	0.59, 0.00, 0.35, 0.59
HSL	144°, 42%, 29%
HSV	144°, 59%, 41%
XYZ	7.0912, 11.0341, 7.2249
YIQ	82.2440, -25.0750, -24.6510

Conversions

Conversions Part 2

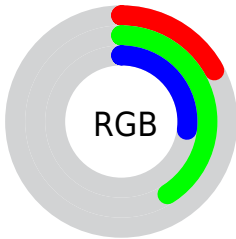
Format	Color
RYB	43, 87, 105
Decimal	2844996
CIELab	39.64, -29.33, 14.96
CIElCh	40, 32.923, 152.978
Yxy	11.0341, 0.2797, 0.4353
Android (android.graphics.Color)	4281035076 (0xFF2B6944)
YUV	82.2440, -7.0223, -34.4170
Hunter-Lab	33.2176, -20.0250, 10.3566

Details

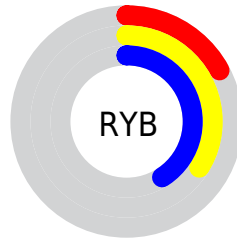
The Hex color **2B6944** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **692B50**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5E9D74**, and **003918** is the 20% darker color. If you saturate the color by 10%, you get **21693E**, and if you desaturate by 10%, it is **36694A**.

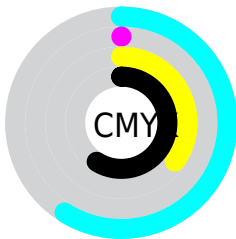
Distribution



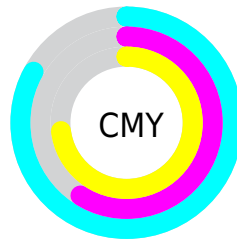
- Red (17%)
- Green (41%)
- Blue (27%)



- Red (17%)
- Yellow (34%)
- Blue (41%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (59%)



- Cyan (83%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6944 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 2B6944 by changing the saturation by 10% instead.

 2B6944

 2B6944

FFFFFF

 0E502E

 5E9D74

 003918

 79B88E

 002400

 93D4A9

 000000


 AFF0C4

 CBF0E0

 E7FFFC

 2B6944

 2B6944

 21693E

 36694A

■ 166937

■ 406951

■ 0C6931

■ 4B6957

■ 01692B

■ 55695D

■ 00692A

■ 606963

■ 6A696A

■ 756970

■ 7F6976

■ 8A697C

Harmonies

Analogous

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



4F642F



2B6944



006B5F

Triad

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



2B6944



335F93



8E4A42

Complementary

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



2B6944



692B50

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.



8F475C



2B6944



63558A

Square

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



2B6944



00678D



814B76



81532E

Rectangle

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



2B6944



006B71



814B76



90484A

Sweetspot

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



2B6944



718A7B



50692B



36453C



C4C4C4



454545

Same Dimension

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



2B6944



288A4F



2B6963



303632



00752F



00F563

Inverse Universe

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



692B50



8A2862



692B31



363033



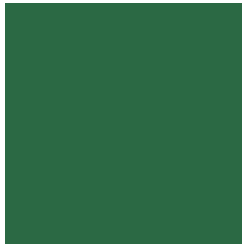
750046



F50092

Previews

White Background



This preview shows how the Hex color 2B6944 looks on a white background.

Color Contrast Check

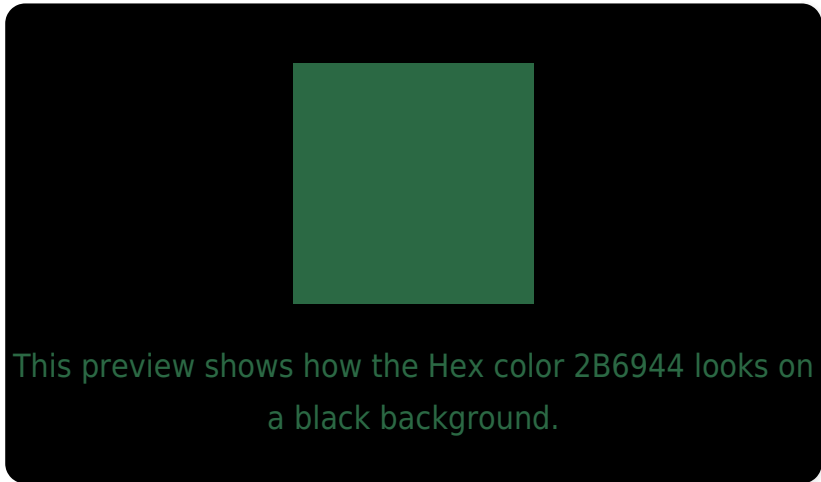
Large Text (above 18pt) WCAG AA ✓ Pass

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

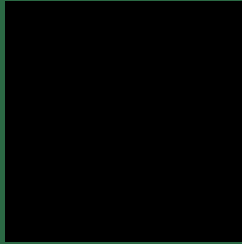
Any Text WCAG AA × Fail

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 2B6944 Background



This preview shows how black text looks on a background with the Hex color 2B6944.



This preview shows how white text looks on a background with the Hex color 2B6944.

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
2B6944

Protanopia
655D3F

Deuteranopia
6D5948



Tritanopia
37646C

Trichromacy



Original Color
2B6944

Protanomaly
506141

Deuteranomaly
555F47

Tritanomaly
33665D

Monochromacy



Original Color
2B6944

Achromatopsia
525252

Achromatomaly
445A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6944 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 #2B6944 looks like.

```
.text, #text, p{  
    color:#2B6944  
}
```

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 #2B6944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6944
}
```

Border

The CSS property to change the border of an element to Hex 2B6944 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
#2B6944 }
```

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

```
.border{ border-color:#2B6944 }
```

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

Here you see how a box with a 4 pixel #2B6944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6944; -webkit-box-shadow:4px 4px  
4px 4px #2B6944; box-shadow:4px 4px 4px  
4px #2B6944 }
```

Background

The CSS property to change the background color of an element to Hex 2B6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6944 }
```

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

```
.background{ background-color:#2B6944 }
```

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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