

Converting Colors

Hex(2B6928)

Have a look what the booklet for
Hex(2B6928) contains.

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Color

Hex(2B6928)

Conversions

Conversions Part 1

Format	Color
Hex	2B6928
RGB	43, 105, 40
RGB Percent	17%, 41%, 16%
CMY	0.8314, 0.5882, 0.8431
CMYK	0.59, 0.00, 0.62, 0.59
HSL	117°, 45%, 28%
HSV	117°, 62%, 41%
XYZ	6.4308, 10.7699, 3.7473
YIQ	79.0520, -16.0870, -33.3590

Conversions

Conversions Part 2

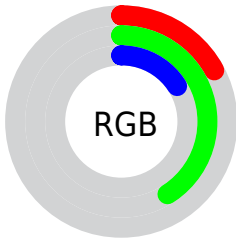
Format	Color
R_{YB}	40, 105, 102
Decimal	2844968
CIE Lab	39.19, -34.15, 30.10
CIE LCh	39, 45.520, 138.605
Yxy	10.7699, 0.3070, 0.5141
Android (android.graphics.Color)	4281035048 (0xFF2B6928)
YUV	79.0520, -19.2526, -31.6176
Hunter-Lab	32.8176, -22.4524, 16.2022

Details

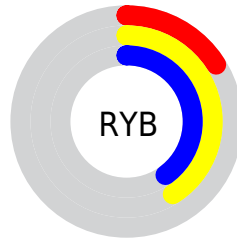
The Hex color **2B6928** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662869**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5F9D58**, and **003900** is the 20% darker color. If you saturate the color by 10%, you get **21691E**, and if you desaturate by 10%, it is **356932**.

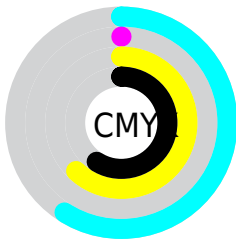
Distribution



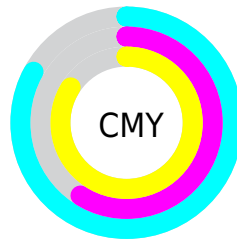
- Red (17%)
- Green (41%)
- Blue (16%)



- Red (16%)
- Yellow (41%)
- Blue (40%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)
- Black (59%)



- Cyan (83%)
- Magenta (59%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6928 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 2B6928 by changing the saturation by 10% instead.



2B6928



2B6928

FFFFFF



0C5011



5F9D58



003900



7AB871



002400



95D48A



000000



B0F0A5



CCFFC1



E9FFDD



FFFFFF9



2B6928



2B6928

■ 21691E

■ 356932

■ 176913

■ 3F693D

■ 0D6909

■ 496948

■ 056900

■ 536952

■ 5D695D

■ 676967

■ 716972

■ 7B697C

■ 856986

Harmonies

Analogous

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



59610A



2B6928



006D4C

Triad

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



2B6928



0065A5



9F3947

Complementary

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



2B6928



662869

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.



983A6C



2B6928



4058A3

Square

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



2B6928



006B93



7B488E



934625

Rectangle

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



2B6928



006E66



7B488E



9F3853

Sweetspot

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



2B6928



718A70



696628



364535



C4C4C4



454545

Same Dimension

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



2B6928



298A24



286945



303630



057500



0BF500

Inverse Universe

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



662869



85248A



69284C



353036



700075



EA00F5

Previews

White Background



This preview shows how the Hex color 2B6928 looks on a white background.

Color Contrast Check

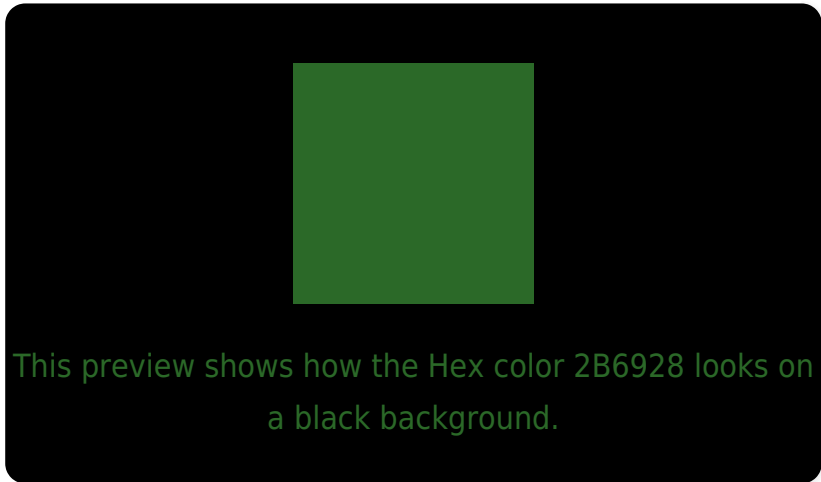
Large Text (above 18pt) WCAG AA ✓ Pass

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

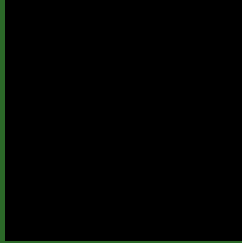
Any Text WCAG AA × Fail

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 2B6928 Background



This preview shows how black text looks on a background with the Hex color 2B6928.



This preview shows how white text looks on a background with the Hex color 2B6928.

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
2B6928

Protanopia
665C24

Deuteranopia
71582D



Tritanopia
3A626A

Trichromacy



Original Color

2B6928



Protanomaly

516125



Deuteranomaly

585E2B



Tritanomaly

356552

Monochromacy



Original Color

2B6928



Achromatopsia

4F4F4F



Achromatomaly

425841

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6928 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 #2B6928 looks like.

```
.text, #text, p{  
    color:#2B6928  
}
```

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 #2B6928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6928
}
```

Border

The CSS property to change the border of an element to Hex 2B6928 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
#2B6928 }
```

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

```
.border{ border-color:#2B6928 }
```

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

Here you see how a box with a 4 pixel #2B6928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6928; -webkit-box-shadow:4px 4px  
4px 4px #2B6928; box-shadow:4px 4px 4px  
4px #2B6928 }
```

Background

The CSS property to change the background color of an element to Hex 2B6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6928 }
```

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

```
.background{ background-color:#2B6928 }
```

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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