

Converting Colors

Hex(2B7623)

Have a look what the booklet for
Hex(2B7623) contains.

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Color

Hex(2B7623)

Conversions

Conversions Part 1

Format	Color
Hex	2B7623
RGB	43, 118, 35
RGB Percent	17%, 46%, 14%
CMY	0.8314, 0.5373, 0.8627
CMYK	0.64, 0.00, 0.70, 0.54
HSL	114°, 54%, 30%
HSV	114°, 70%, 46%
XYZ	7.7781, 13.5918, 3.8036
YIQ	86.1130, -18.0570, -41.7130

Conversions

Conversions Part 2

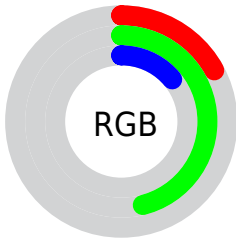
Format	Color
R_{YB}	35, 118, 110
Decimal	2848291
CIE _{Lab}	43.64, -40.00, 37.45
CIE _{LCh}	44, 54.795, 136.885
Yxy	13.5918, 0.3090, 0.5399
Android (android.graphics.Color)	4281038371 (0xFF2B7623)
YUV	86.1130, -25.1987, -37.8101
Hunter-Lab	36.8671, -26.8582, 19.6899

Details

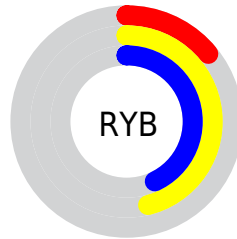
The Hex color **2B7623** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6E2376**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **62AB54**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **207617**, and if you desaturate by 10%, it is **36762F**.

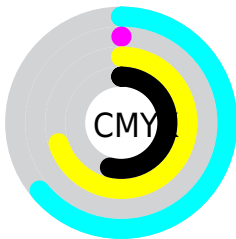
Distribution



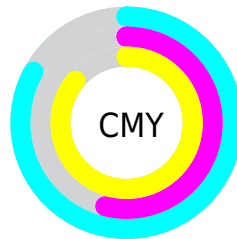
- Red (17%)
- Green (46%)
- Blue (14%)



- Red (14%)
- Yellow (46%)
- Blue (43%)



- Cyan (64%)
- Magenta (0%)
- Yellow (70%)
- Black (54%)



- Cyan (83%)
- Magenta (54%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B7623 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 2B7623 by changing the saturation by 10% instead.



2B7623



2B7623

FFFFFF



065D08



62AB54



004400



7DC76E



002E00



99E388



001500



B5FFA2



000000



D1FFBE



EEFFDA



FFFFFF7



2B7623



2B7623

■ 207617

■ 36762F

■ 16760B

■ 40763B

■ 0B7600

■ 4B7646

■ 567652

■ 60765E

■ 6B766A

■ 767676

■ 807681

■ 8B768D

Harmonies

Analogous

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



646D00



2B7623



007B51

Triad

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



2B7623



0072C0



B83850

Complementary

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



2B7623



6E2376

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.



AE3B7D



2B7623



3764BF

Square

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



2B7623



007AA9



894FA6



AA4A25

Rectangle

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



2B7623



007C71



894FA6



B7365F

Sweetspot

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



2B7623



7C9979



766E23



3B4D39



CCCCCC



4D4D4D

Same Dimension

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



2B7623



259918



237644



353B35



0C7A00



18FA00

Inverse Universe

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



6E2376



8D1899



762355



3A353B



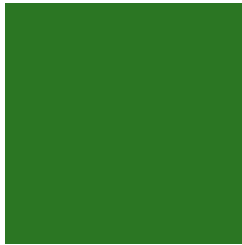
6F007A



E200FA

Previews

White Background



This preview shows how the Hex color 2B7623 looks on a white background.

Color Contrast Check

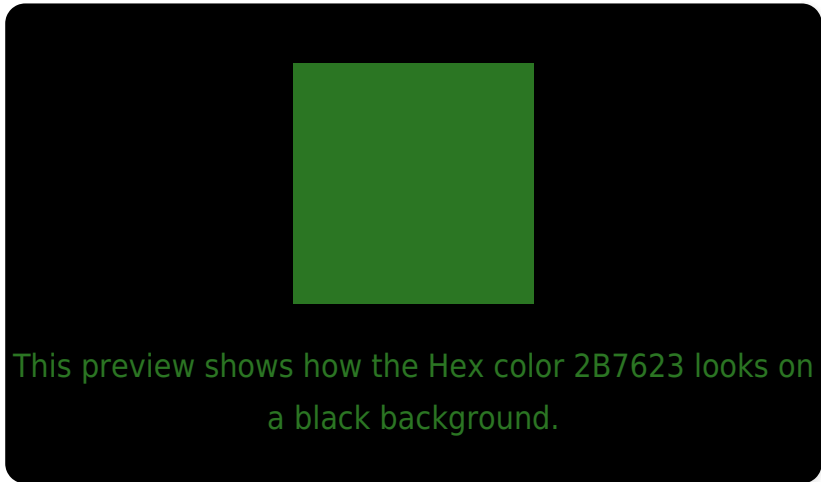
Large Text (above 18pt) WCAG AA ✓ Pass

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 2B7623 Background



This preview shows how black text looks on a background with the Hex color 2B7623.



This preview shows how white text looks on a background with the Hex color 2B7623.

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
2B7623

Protanopia
73671F

Deuteranopia
7F622A



Tritanopia
3F6E77

Trichromacy



Original Color
2B7623



Protanomaly
596C20



Deuteranomaly
606927

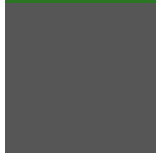


Tritanomaly
387158

Monochromacy



Original Color
2B7623



Achromatopsia
565656



Achromatomaly
466243

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B7623 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 #2B7623 looks like.

```
.text, #text, p{  
    color:#2B7623  
}
```

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 #2B7623 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7623  
}
```

Border

The CSS property to change the border of an element to Hex 2B7623 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".

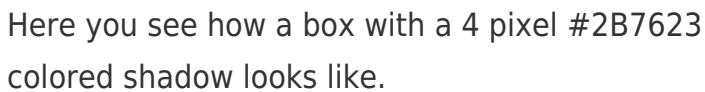
```
.border, #border, table{ border:4px solid  
#2B7623 }
```

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

```
.border{ border-color:#2B7623 }
```

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

Here you see how a box with a 4 pixel #2B7623 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7623; -webkit-box-shadow:4px 4px  
4px 4px #2B7623; box-shadow:4px 4px 4px  
4px #2B7623 }
```

Background

The CSS property to change the background color of an element to Hex 2B7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7623 }
```

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

```
.background{ background-color:#2B7623 }
```

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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