

Converting Colors

Hex(2B6223)

Have a look what the booklet for
Hex(2B6223) contains.

Hex(2B6223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B6223)

Conversions

Conversions Part 1

Format	Color
Hex	2B6223
RGB	43, 98, 35
RGB Percent	17%, 38%, 14%
CMY	0.8314, 0.6157, 0.8627
CMYK	0.56, 0.00, 0.64, 0.62
HSL	112°, 47%, 26%
HSV	112°, 64%, 38%
XYZ	5.6673, 9.3703, 3.1001
YIQ	74.3730, -12.5570, -31.2530

Conversions

Conversions Part 2

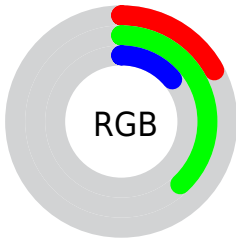
Format	Color
R_{YB}	35, 98, 90
Decimal	2843171
CIE _{Lab}	36.69, -31.77, 29.77
CIE _{LCh}	37, 43.535, 136.858
Yxy	9.3703, 0.3125, 0.5166
Android (android.graphics.Color)	4281033251 (0xFF2B6223)
YUV	74.3730, -19.4109, -27.5141
Hunter-Lab	30.6110, -20.5217, 15.4232

Details

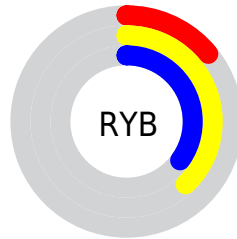
The Hex color **2B6223** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A2362**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5E9552**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **226219**, and if you desaturate by 10%, it is **34622D**.

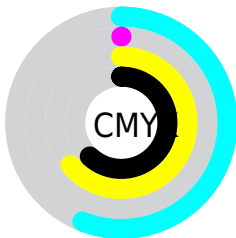
Distribution



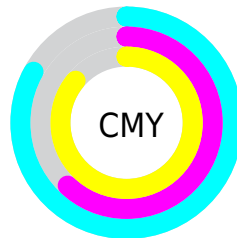
- Red (17%)
- Green (38%)
- Blue (14%)



- Red (14%)
- Yellow (38%)
- Blue (35%)



- Cyan (56%)
- Magenta (0%)
- Yellow (64%)
- Black (62%)



- Cyan (83%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6223 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 2B6223 by changing the saturation by 10% instead.

 2B6223

 2B6223

FFFFFF

 0F4A0B

 5E9552

 003200

 78B06B

 001F00

 93CC85

 000000

 AEE89F

 CAFFBA

 E7FFD6

 FFFFF3

 2B6223

 2B6223

■ 226219

■ 34622D

■ 1A620F

■ 3C6237

■ 116206

■ 456240

■ 0C6200

■ 4D624A

■ 566254

■ 5E625E

■ 676268

■ 6F6271

■ 78627B

Harmonies

Analogous

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



555B07



2B6223



006645

Triad

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



2B6223



005F9B



953544

Complementary

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



2B6223



5A2362

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.



8E3667



2B6223



37539A

Square

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



2B6223



006589



714487



8B4124

Rectangle

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



2B6223



00675E



714487



953450

Sweetspot

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



2B6223



6A8067



625A23



334031



BFBFBF



404040

Same Dimension

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



2B6223



2A801D



23623A



2C302C



0E7000



1EF000

Inverse Universe

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



5A2362



731D80



62234B



302C30



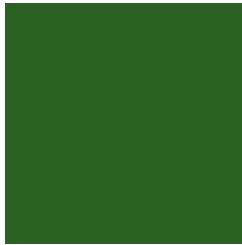
620070



D100F0

Previews

White Background



This preview shows how the Hex color 2B6223 looks on a white background.

Color Contrast Check

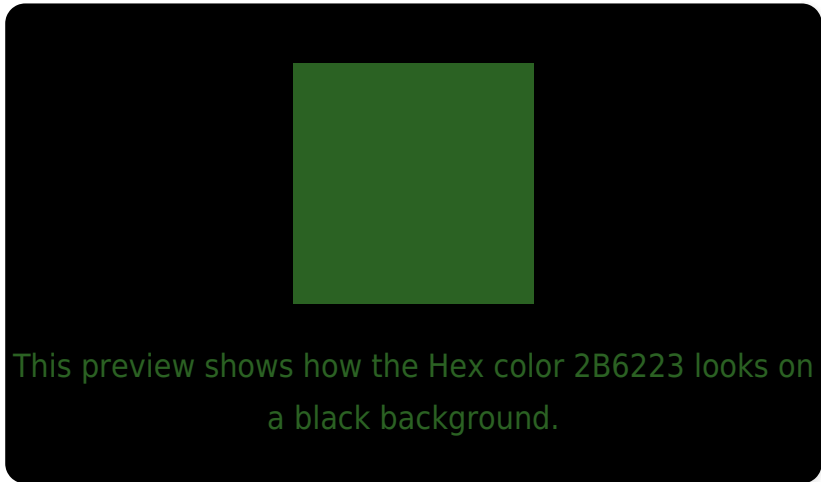
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

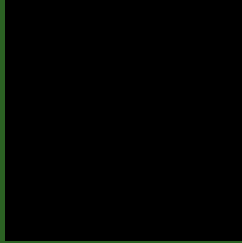
Any Text WCAG AA × Fail

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 2B6223 Background



This preview shows how black text looks on a background with the Hex color 2B6223.



This preview shows how white text looks on a background with the Hex color 2B6223.

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
2B6223

Protanopia
605620

Deuteranopia
6A5228



Tritanopia
395C63

Trichromacy



Original Color
2B6223

Protanomaly
4D5A21

Deuteranomaly
535826

Tritanomaly
345E4C

Monochromacy



Original Color
2B6223

Achromatopsia
4A4A4A

Achromatomaly
3F533C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6223 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 #2B6223 looks like.

```
.text, #text, p{  
    color:#2B6223  
}
```

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 #2B6223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6223
}
```

Border

The CSS property to change the border of an element to Hex 2B6223 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".

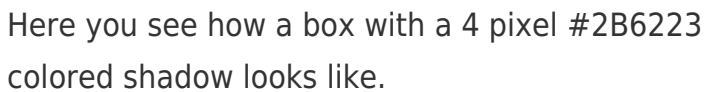
```
.border, #border, table{ border:4px solid
#2B6223 }
```

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

```
.border{ border-color:#2B6223 }
```

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

Here you see how a box with a 4 pixel #2B6223 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6223; -webkit-box-shadow:4px 4px  
4px 4px #2B6223; box-shadow:4px 4px 4px  
4px #2B6223 }
```

Background

The CSS property to change the background color of an element to Hex 2B6223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6223 }
```

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

```
.background{ background-color:#2B6223 }
```

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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