

Converting Colors

Hex(2B6B20)

Have a look what the booklet for
Hex(2B6B20) contains.

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Color

Hex(2B6B20)

Conversions

Conversions Part 1

Format	Color
Hex	2B6B20
RGB	43, 107, 32
RGB Percent	17%, 42%, 13%
CMY	0.8314, 0.5804, 0.8745
CMYK	0.60, 0.00, 0.70, 0.58
HSL	111°, 54%, 27%
HSV	111°, 70%, 42%
XYZ	6.5147, 11.1333, 3.1721
YIQ	79.3140, -14.0690, -36.8930

Conversions

Conversions Part 2

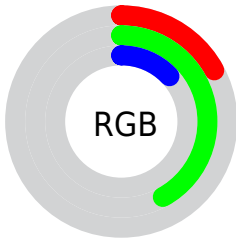
Format	Color
R_{YB}	32, 107, 96
Decimal	2845472
CIE Lab	39.80, -35.91, 34.67
CIE LCh	40, 49.919, 136.005
Yxy	11.1333, 0.3129, 0.5347
Android (android.graphics.Color)	4281035552 (0xFF2B6B20)
YUV	79.3140, -23.3258, -31.8474
Hunter-Lab	33.3665, -23.5401, 17.7200

Details

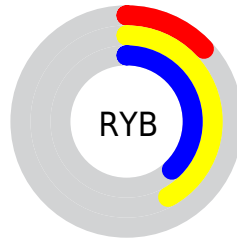
The Hex color **2B6B20** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **60206B**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **609F50**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **226B15**, and if you desaturate by 10%, it is **346B2B**.

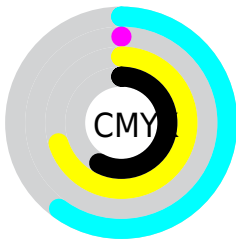
Distribution



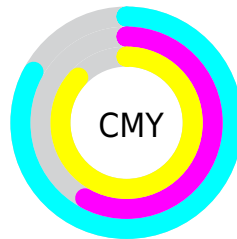
- Red (17%)
- Green (42%)
- Blue (13%)



- Red (13%)
- Yellow (42%)
- Blue (38%)



- Cyan (60%)
- Magenta (0%)
- Yellow (70%)
- Black (58%)



- Cyan (83%)
- Magenta (58%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B6B20 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 2B6B20 by changing the saturation by 10% instead.

 2B6B20

 2B6B20

FFFFFF

 0B5206

 609F50

 003A00

 7BBA69

 002600

 96D683

 000000

 B1F39E

 CEFFB9

 EBFFD5

 FFFFF2

 2B6B20

 2B6B20

 226B15

 346B2B

 196B0B

 3D6B35

 106B00

 466B40

 506B4B

 596B56

 626B60

 6B6B6B

 746B76

 7D6B80

Harmonies

Analogous

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



5D6300



2B6B20



006F49

Triad

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



2B6B20



0068AD



A6354A

Complementary

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



2B6B20



60206B

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.



9D3773



2B6B20



315BAD

Square

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



2B6B20



006F98



7B4997



9B4324

Rectangle

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



2B6B20



007065



7B4997



A63357

Sweetspot

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



2B6B20



738C6F



6B6020



384736



C7C7C7



474747

Same Dimension

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



2B6B20



288C16



206B3A



313630



117500



24F500

Inverse Universe

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



60206B



7B168C



6B2051



353036



640075



D100F5

Previews

White Background



This preview shows how the Hex color 2B6B20 looks on a white background.

Color Contrast Check

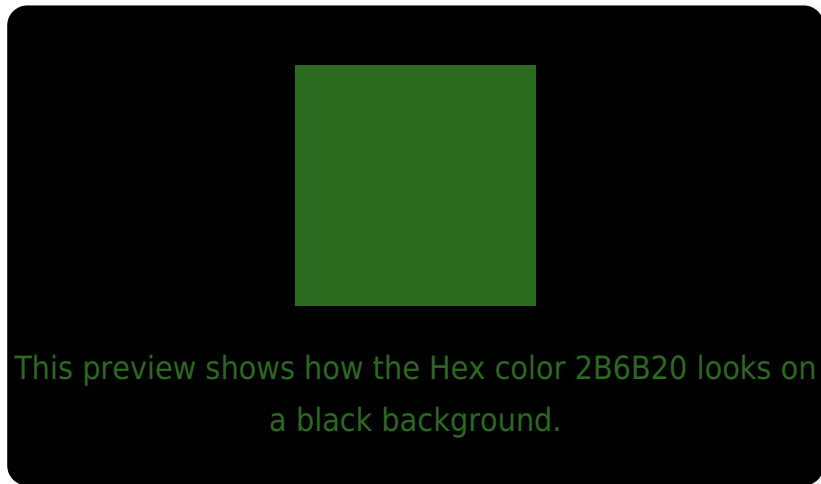
Large Text (above 18pt) WCAG AA ✓ Pass

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

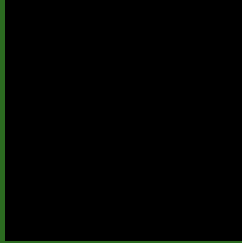
Any Text WCAG AA × Fail

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 2B6B20 Background



This preview shows how black text looks on a background with the Hex color 2B6B20.



This preview shows how white text looks on a background with the Hex color 2B6B20.

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
2B6B20

Protanopia
695E1C

Deuteranopia
745926



Tritanopia
3B646C

Trichromacy



Original Color
2B6B20

Protanomaly
52631D

Deuteranomaly
596024

Tritanomaly
356750

Monochromacy



Original Color
2B6B20

Achromatopsia
4F4F4F

Achromatomaly
42593E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B6B20 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 #2B6B20 looks like.

```
.text, #text, p{  
    color:#2B6B20  
}
```

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 #2B6B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B6B20
}
```

Border

The CSS property to change the border of an element to Hex 2B6B20 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
#2B6B20 }
```

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

```
.border{ border-color:#2B6B20 }
```

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

Here you see how a box with a 4 pixel #2B6B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B6B20; -webkit-box-shadow:4px 4px  
4px 4px #2B6B20; box-shadow:4px 4px 4px  
4px #2B6B20 }
```

Background

The CSS property to change the background color of an element to Hex 2B6B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B6B20 }
```

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

```
.background{ background-color:#2B6B20 }
```

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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