

Converting Colors

Hex(2B4F24)

Have a look what the booklet for
Hex(2B4F24) contains.

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Color

Hex(2B4F24)

Conversions

Conversions Part 1

Format	Color
Hex	2B4F24
RGB	43, 79, 36
RGB Percent	17%, 31%, 14%
CMY	0.8314, 0.6902, 0.8588
CMYK	0.46, 0.00, 0.54, 0.69
HSL	110°, 37%, 23%
HSV	110°, 54%, 31%
XYZ	4.1107, 6.2329, 2.6555
YIQ	63.3340, -7.6530, -21.0050

Conversions

Conversions Part 2

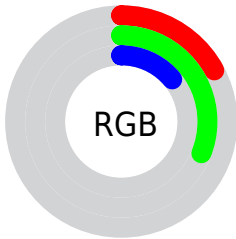
Format	Color
RYB	36, 79, 72
Decimal	2838308
CIELab	29.99, -22.74, 21.30
CIElCh	30, 31.154, 136.872
Yxy	6.2329, 0.3162, 0.4795
Android (android.graphics.Color)	4281028388 (0xFF2B4F24)
YUV	63.3340, -13.4757, -17.8329
Hunter-Lab	24.9658, -14.2998, 11.1697

Details

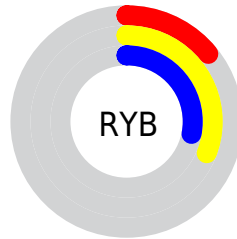
The Hex color **2B4F24** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **48244F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5B8152**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **244F1C**, and if you desaturate by 10%, it is **324F2C**.

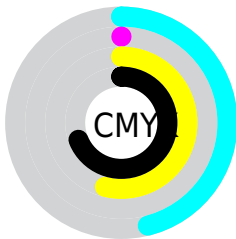
Distribution



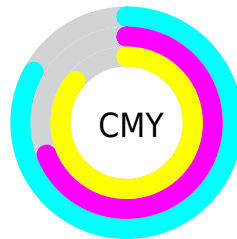
- Red (17%)
- Green (31%)
- Blue (14%)



- Red (14%)
- Yellow (31%)
- Blue (28%)



- Cyan (46%)
- Magenta (0%)
- Yellow (54%)
- Black (69%)



- Cyan (83%)
- Magenta (69%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4F24 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 2B4F24 by changing the saturation by 10% instead.



2B4F24



2B4F24

FFFFFF



13380F



5B8152



002200



749B6A



000000



8FB684



A9D19E



C5EEB9



E1FFD5



FEFFF1



2B4F24



2B4F24

■ 244F1C

■ 324F2C

■ 1E4F14

■ 384F34

■ 174F0C

■ 3F4F3C

■ 114F04

■ 454F44

■ 0D4F00

■ 4C4F4C

■ 534F53

■ 594F5B

■ 604F63

■ 674F6B

Harmonies

Analogous

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



474A15



2B4F24



00523B

Triad

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



2B4F24



004C76



73323A

Complementary

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



2B4F24



48244F

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.



6E3352



2B4F24



354475

Square

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



2B4F24



005169



593B68



6D3824

Rectangle

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



2B4F24



00534C



593B68



733142

Sweetspot

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



2B4F24



586656



4F4824



2B3329



B3B3B3



333333

Same Dimension

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



2B4F24



2E6624



244F32



232622



116600



25E600

Inverse Universe

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



48244F



5B2466



4F2441



262226



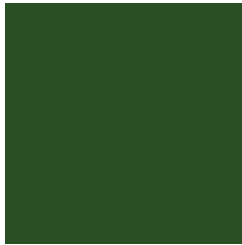
550066



C000E6

Previews

White Background



This preview shows how the Hex color 2B4F24 looks on a white background.

Color Contrast Check

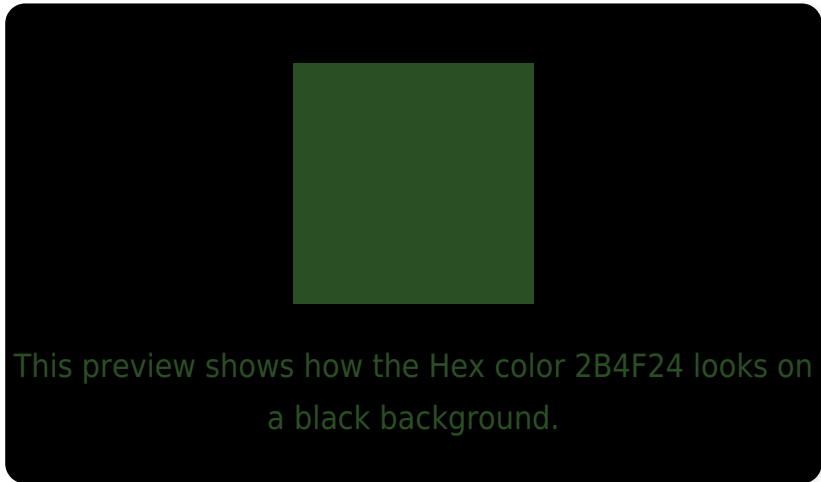
Large Text (above 18pt) WCAG AA ✓ Pass

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

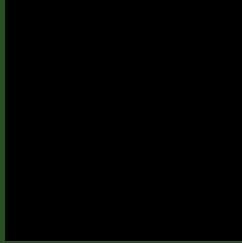
Any Text WCAG AA × Fail

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 2B4F24 Background



This preview shows how black text looks on a background with the Hex color 2B4F24.



This preview shows how white text looks on a background with the Hex color 2B4F24.

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](#).

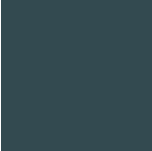
Dichromacy



Original Color
2B4F24

Protanopia
4E4721

Deuteranopia
564327



Tritanopia
334A50

Trichromacy



Original Color
2B4F24

Protanomaly
414A22

Deuteranomaly
464726

Tritanomaly
304C40

Monochromacy



Original Color
2B4F24

Achromatopsia
3F3F3F

Achromatomaly
384535

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4F24 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 #2B4F24 looks like.

```
.text, #text, p{  
    color:#2B4F24  
}
```

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 #2B4F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4F24
}
```

Border

The CSS property to change the border of an element to Hex 2B4F24 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".

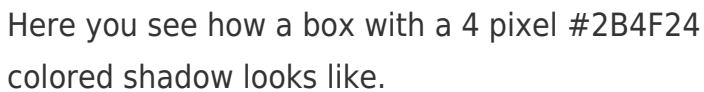
```
.border, #border, table{ border:4px solid
#2B4F24 }
```

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

```
.border{ border-color:#2B4F24 }
```

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

Here you see how a box with a 4 pixel #2B4F24 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 #2B4F24; -webkit-box-shadow:4px 4px  
4px 4px #2B4F24; box-shadow:4px 4px 4px  
4px #2B4F24 }
```

Background

The CSS property to change the background color of an element to Hex 2B4F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4F24 }
```

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

```
.background{ background-color:#2B4F24 }
```

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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