

Converting Colors

Hex(2B4021)

Have a look what the booklet for
Hex(2B4021) contains.

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Color

Hex(2B4021)

Conversions

Conversions Part 1

Format	Color
Hex	2B4021
RGB	43, 64, 33
RGB Percent	17%, 25%, 13%
CMY	0.8314, 0.7490, 0.8706
CMYK	0.33, 0.00, 0.48, 0.75
HSL	101°, 32%, 19%
HSV	101°, 48%, 25%
XYZ	3.1042, 4.2902, 2.1033
YIQ	54.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

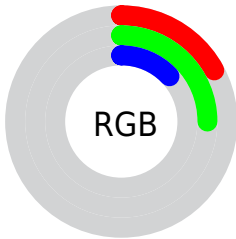
Format	Color
R_{YB}	33, 64, 54
Decimal	2834465
CIE Lab	24.61, -15.21, 16.35
CIE LCh	25, 22.334, 132.936
Yxy	4.2902, 0.3268, 0.4517
Android (android.graphics.Color)	4281024545 (0xFF2B4021)
YUV	54.1870, -10.4452, -9.8110
Hunter-Lab	20.7128, -9.4960, 8.4782

Details

The Hex color **2B4021** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **362140**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5A704E**, and **001700** is the 20% darker color. If you saturate the color by 10%, you get **27401B**, and if you desaturate by 10%, it is **2F4027**.

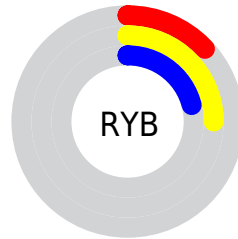
Distribution



Red (17%)

Green (25%)

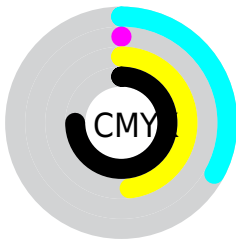
Blue (13%)



Red (13%)

Yellow (25%)

Blue (21%)

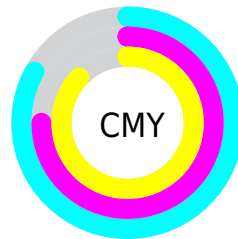


Cyan (33%)

Magenta (0%)

Yellow (48%)

Black (75%)



Cyan (83%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B4021 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 2B4021 by changing the saturation by 10% instead.

 2B4021

 2B4021

FFFFFF

 162A0B

 5A704E

 001700

 728966

 000000

 8CA47F

 A7BF99

 C2DBB4

 DEF7CF

 FBF FEC

 2B4021

 2B4021

■ 27401B

■ 2F4027

■ 224014

■ 34402E

■ 1E400E

■ 384034

■ 1A4007

■ 3C403B

■ 154001

■ 414041

■ 154000

■ 454047

■ 49404E

■ 4E4054

■ 52405B

Harmonies

Analogous

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



3E3C19



2B4021



124230

Triad

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



2B4021



003F5A



5A2D34

Complementary

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



2B4021



362140

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.



552E45



2B4021



2C3A5B

Square

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



2B4021



004251



453353



573024

Rectangle

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



2B4021



00433C



453353



5A2C39

Sweetspot

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



2B4021



4C5448



403621



262B24



ABABAB



2B2B2B

Same Dimension

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



2B4021



335423



214026



1F211E



1F6100



48E000

Inverse Universe

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



362140



442354



40213B



201E21



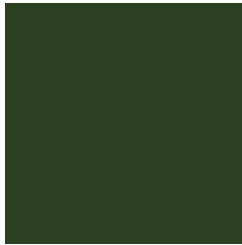
420061



9800E0

Previews

White Background



This preview shows how the Hex color 2B4021 looks on a white background.

Color Contrast Check

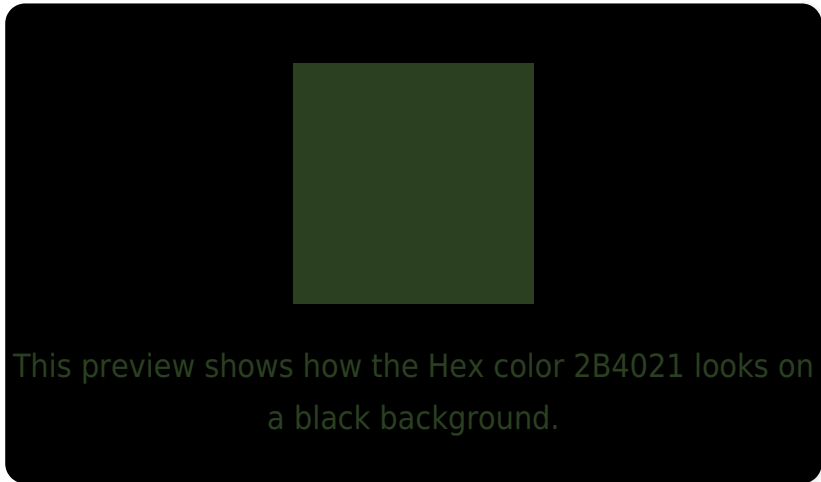
Large Text (above 18pt) WCAG AA ✓ Pass

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

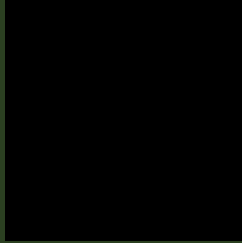
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

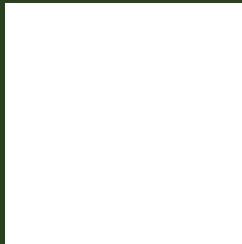
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2B4021 Background



This preview shows how black text looks on a background with the Hex color 2B4021.



This preview shows how white text looks on a background with the Hex color 2B4021.

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
2B4021

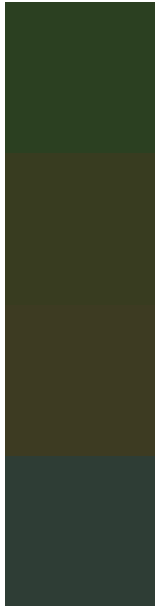
Protanopia
403A1F

Deuteranopia
473823



Tritanopia
303C41

Trichromacy



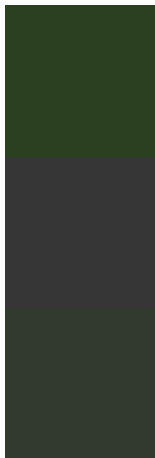
Original Color
2B4021

Protanomaly
383C20

Deuteranomaly
3D3B22

Tritanomaly
2E3D35

Monochromacy



Original Color
2B4021

Achromatopsia
363636

Achromatomaly
323A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4021 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 #2B4021 looks like.

```
.text, #text, p{  
    color:#2B4021  
}
```

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 #2B4021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4021
}
```

Border

The CSS property to change the border of an element to Hex 2B4021 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
#2B4021 }
```

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

```
.border{ border-color:#2B4021 }
```

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

Here you see how a box with a 4 pixel #2B4021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4021; -webkit-box-shadow:4px 4px  
4px 4px #2B4021; box-shadow:4px 4px 4px  
4px #2B4021 }
```

Background

The CSS property to change the background color of an element to Hex 2B4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4021 }
```

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

```
.background{ background-color:#2B4021 }
```

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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