

Converting Colors

Hex(2B4120)

Have a look what the booklet for
Hex(2B4120) contains.

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Color

Hex(2B4120)

Conversions

Conversions Part 1

Format	Color
Hex	2B4120
RGB	43, 65, 32
RGB Percent	17%, 25%, 13%
CMY	0.8314, 0.7451, 0.8745
CMYK	0.34, 0.00, 0.51, 0.75
HSL	100°, 34%, 19%
HSV	100°, 51%, 25%
XYZ	3.1473, 4.3985, 2.0496
YIQ	54.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

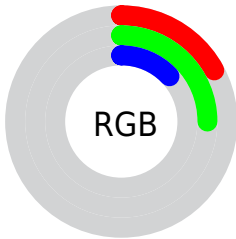
Format	Color
R_{YB}	32, 65, 54
Decimal	2834720
CIE _{Lab}	24.95, -15.94, 17.40
CIE _{LCh}	25, 23.593, 132.495
Yxy	4.3985, 0.3280, 0.4584
Android (android.graphics.Color)	4281024800 (0xFF2B4120)
YUV	54.6600, -11.1714, -10.2258
Hunter-Lab	20.9725, -9.9151, 8.8865

Details

The Hex color **2B4120** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **362041**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **5A714D**, and **001800** is the 20% darker color. If you saturate the color by 10%, you get **27411A**, and if you desaturate by 10%, it is **2F4127**.

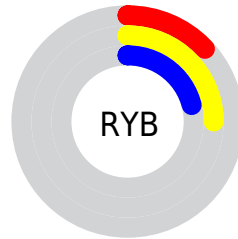
Distribution



Red (17%)

Green (25%)

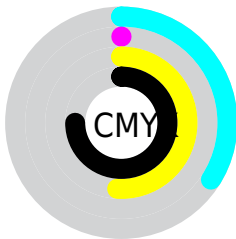
Blue (13%)



Red (13%)

Yellow (25%)

Blue (21%)

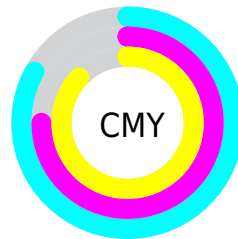


Cyan (34%)

Magenta (0%)

Yellow (51%)

Black (75%)



Cyan (83%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B4120 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 2B4120 by changing the saturation by 10% instead.

 2B4120

 2B4120

FFFFFF

 162B0A

 5A714D

 001800

 738B65

 000000

 8CA57E

 A7C098

 C2DCB3

 DEF9CE

 FBFEB

 2B4120

 2B4120

■ 27411A

■ 2F4127

■ 224113

■ 34412D

■ 1E410C

■ 384134

■ 1A4106

■ 3C413A

■ 164100

■ 414141

■ 454147

■ 49414E

■ 4E4154

■ 52415A

Harmonies

Analogous

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



3F3D17



2B4120



104430

Triad

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



2B4120



00405D



5D2C34

Complementary

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



2B4120



362041

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.



572E46



2B4120



2B3B5E

Square

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



2B4120



004353



463456



593024

Rectangle

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



2B4120



00443C



463456



5C2C3A

Sweetspot

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



2B4120



4C5448



413620



262B24



ABABAB



2B2B2B

Same Dimension

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



2B4120



325421



204125



1F211E



206100



4BE000

Inverse Universe

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



362041



432154



41203B



201E21



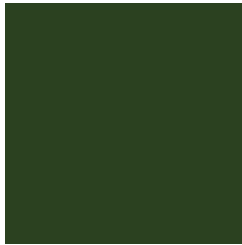
410061



9600E0

Previews

White Background



This preview shows how the Hex color 2B4120 looks on a white background.

Color Contrast Check

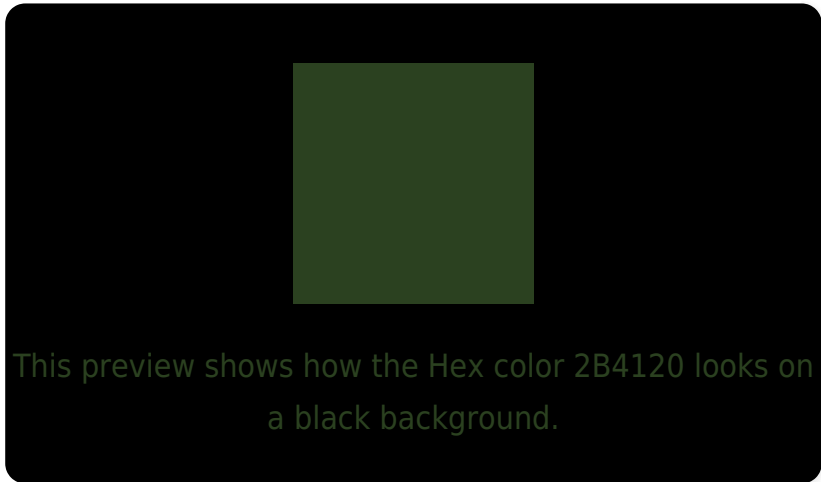
Large Text (above 18pt) WCAG AA ✓ Pass

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

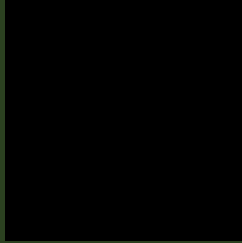
Any Text WCAG AA × Fail

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 2B4120 Background



This preview shows how black text looks on a background with the Hex color 2B4120.



This preview shows how white text looks on a background with the Hex color 2B4120.

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](#).

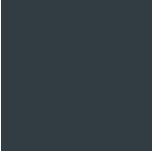
Dichromacy



Original Color
2B4120

Protanopia
413B1E

Deuteranopia
483822



Tritanopia
313D42

Trichromacy



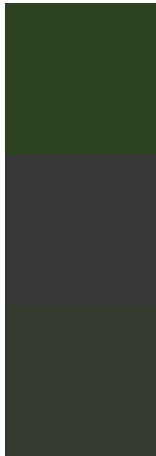
Original Color
2B4120

Protanomaly
393D1F

Deuteranomaly
3D3B21

Tritanomaly
2F3E36

Monochromacy



Original Color
2B4120

Achromatopsia
373737

Achromatomaly
333B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4120 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 #2B4120 looks like.

```
.text, #text, p{  
    color:#2B4120  
}
```

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 #2B4120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4120
}
```

Border

The CSS property to change the border of an element to Hex 2B4120 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
#2B4120 }
```

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

```
.border{ border-color:#2B4120 }
```

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

Here you see how a box with a 4 pixel #2B4120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4120; -webkit-box-shadow:4px 4px  
4px 4px #2B4120; box-shadow:4px 4px 4px  
4px #2B4120 }
```

Background

The CSS property to change the background color of an element to Hex 2B4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4120 }
```

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

```
.background{ background-color:#2B4120 }
```

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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