

Converting Colors

Hex(2B5412)

Have a look what the booklet for
Hex(2B5412) contains.

Hex(2B5412)	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(2B5412)

Conversions

Conversions Part 1

Format	Color
Hex	2B5412
RGB	43, 84, 18
RGB Percent	17%, 33%, 7%
CMY	0.8314, 0.6706, 0.9294
CMYK	0.49, 0.00, 0.79, 0.67
HSL	97°, 65%, 20%
HSV	97°, 79%, 33%
XYZ	4.2758, 6.8979, 1.6783
YIQ	64.2170, -3.2500, -29.2180

Conversions

Conversions Part 2

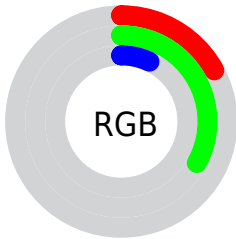
Format	Color
RYB	18, 84, 59
Decimal	2839570
CIELab	31.57, -27.23, 32.25
CIELCh	32, 42.208, 130.178
Yxy	6.8979, 0.3327, 0.5367
Android (android.graphics.Color)	4281029650 (0xFF2B5412)
YUV	64.2170, -22.7850, -18.6073
Hunter-Lab	26.2639, -16.9019, 14.5959

Details

The Hex color **2B5412** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3B1254**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5D8641**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **26540A**, and if you desaturate by 10%, it is **30541A**.

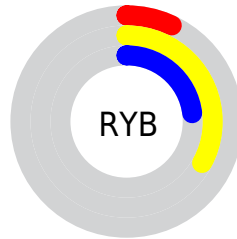
Distribution



Red (17%)

Green (33%)

Blue (7%)



Red (7%)

Yellow (33%)

Blue (23%)

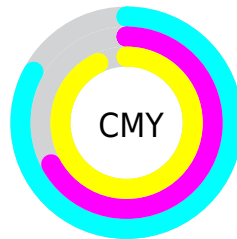


Cyan (49%)

Magenta (0%)

Yellow (79%)

Black (67%)



Cyan (83%)

Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5412 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 2B5412 by changing the saturation by 10% instead.



2B5412



2B5412

FFFFFFC



133C00



5D8641



002700



77A05A



000B00



91BC73



000000



ACD78D



C8F4A8



E5FFC3



FFFFDF



2B5412



2B5412

■ 26540A

■ 30541A

■ 215401

■ 355423

■ 205400

■ 3B542B

■ 405434

■ 45543C

■ 4A5444

■ 50544D

■ 555455

■ 5A545E

Harmonies

Analogous

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



504C00



2B5412



005833

Triad

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



2B5412



005489



852840

Complementary

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



2B5412



3B1254

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.



7A2D61



2B5412



084A8C

Square

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



2B5412



005874



5A3C7D



7F3221

Rectangle

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



2B5412



005949



5A3C7D



84284C

Sweetspot

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



2B5412



5D6E53



543B12



2E3828



B8B8B8



383838

Same Dimension

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



2B5412



2E6E07



12541A



262925



286900



58E800

Inverse Universe

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



3B1254



47076E



54124C



272529



410069



9000E8

Previews

White Background



This preview shows how the Hex color 2B5412 looks on a white background.

Color Contrast Check

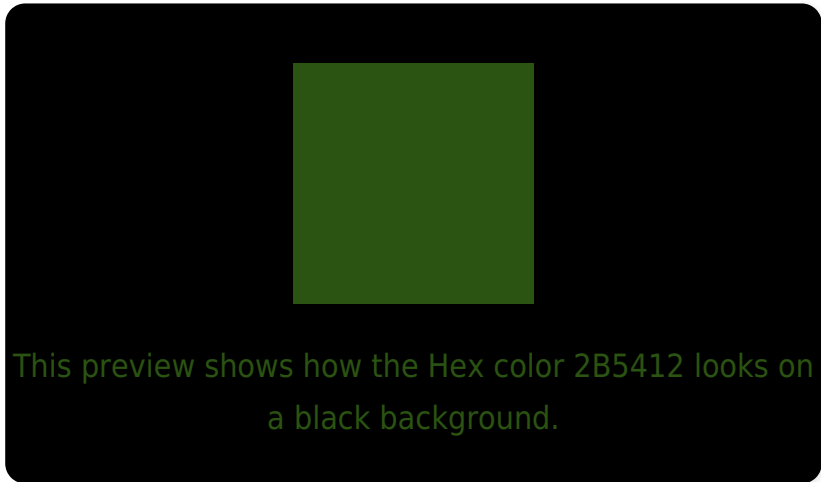
Large Text (above 18pt) WCAG AA ✓ Pass

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

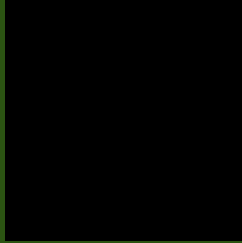
Any Text WCAG AA × Fail

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 2B5412 Background



This preview shows how black text looks on a background with the Hex color 2B5412.



This preview shows how white text looks on a background with the Hex color 2B5412.

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](#).

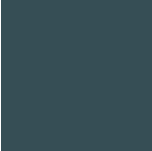
Dichromacy



Original Color
2B5412

Protanopia
534A10

Deuteranopia
5D4618



Tritanopia
364E55

Trichromacy



Original Color
2B5412

Protanomaly
444E11

Deuteranomaly
4B4B16

Tritanomaly
32503D

Monochromacy



Original Color
2B5412

Achromatopsia
404040

Achromatomaly
38472F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5412 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 #2B5412 looks like.

```
.text, #text, p{  
    color:#2B5412  
}
```

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 #2B5412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5412
}
```

Border

The CSS property to change the border of an element to Hex 2B5412 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".

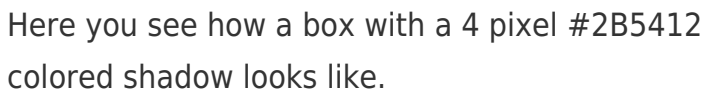
```
.border, #border, table{ border:4px solid
#2B5412 }
```

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

```
.border{ border-color:#2B5412 }
```

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

Here you see how a box with a 4 pixel #2B5412 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 #2B5412; -webkit-box-shadow:4px 4px  
4px 4px #2B5412; box-shadow:4px 4px 4px  
4px #2B5412 }
```

Background

The CSS property to change the background color of an element to Hex 2B5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5412 }
```

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

```
.background{ background-color:#2B5412 }
```

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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