

Converting Colors

Hex(2A5B29)

Have a look what the booklet for
Hex(2A5B29) contains.

Hex(2A5B29)	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(2A5B29)

Conversions

Conversions Part 1

Format	Color
Hex	2A5B29
RGB	42, 91, 41
RGB Percent	16%, 36%, 16%
CMY	0.8353, 0.6431, 0.8392
CMYK	0.54, 0.00, 0.55, 0.64
HSL	119°, 38%, 26%
HSV	119°, 55%, 36%
XYZ	5.0962, 8.1345, 3.3993
YIQ	70.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

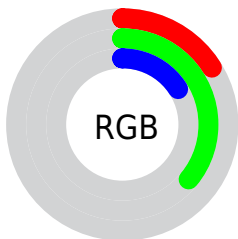
Format	Color
RYB	41, 91, 90
Decimal	2775849
CIELab	34.26, -28.10, 23.68
CIELCh	34, 36.751, 139.880
Yxy	8.1345, 0.3064, 0.4891
Android (android.graphics.Color)	4280965929 (0xFF2A5B29)
YUV	70.6490, -14.6170, -25.1252
Hunter-Lab	28.5211, -18.0173, 12.8981

Details

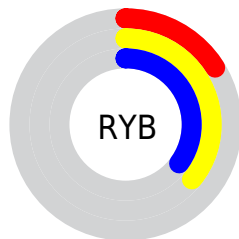
The Hex color **2A5B29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A295B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5C8E58**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **215B20**, and if you desaturate by 10%, it is **335B32**.

Distribution



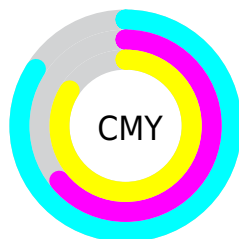
- Red (16%)
- Green (36%)
- Blue (16%)



- Red (16%)
- Yellow (36%)
- Blue (35%)



- Cyan (54%)
- Magenta (0%)
- Yellow (55%)
- Black (64%)



- Cyan (84%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5B29 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 2A5B29 by changing the saturation by 10% instead.



2A5B29



2A5B29

FFFFFF



104313



5C8E58



002C00



76A870



001800



90C48A



000000



ABE0A5



C7FDC0



E3FFDC



FFFFFF8



2A5B29



2A5B29

■ 215B20

■ 335B32

■ 185B17

■ 3C5B3B

■ 0F5B0E

■ 455B44

■ 065B05

■ 4E5B4D

■ 025B00

■ 575B57

■ 605B60

■ 685B69

■ 715B72

■ 7A5B7B

Harmonies

Analogous

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



4D5515



2A5B29



005E45

Triad

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



2A5B29



00578A



86373E

Complementary

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



2A5B29



5A295B

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.



81375C



2A5B29



404D88

Square

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



2A5B29



005C7D



6A4177



7D4025

Rectangle

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



2A5B29



005F5A



6A4177



863648

Sweetspot

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



2A5B29



637563



5B5929



303B30



BABABA



3B3B3B

Same Dimension

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



2A5B29



297528



295B40



292E29



026E00



05ED00

Inverse Universe

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



5A295B



742875



5B2944



2E292E



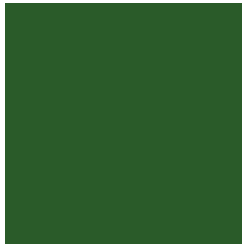
6B006E



E800ED

Previews

White Background



This preview shows how the Hex color 2A5B29 looks on a white background.

Color Contrast Check

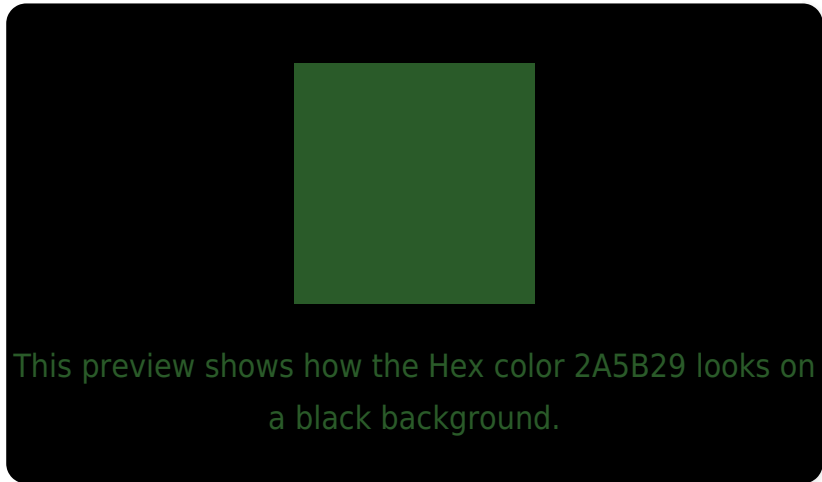
Large Text (above 18pt) WCAG AA ✓ Pass

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

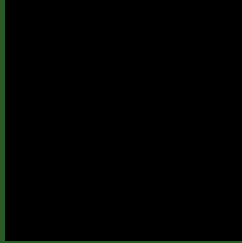
Any Text WCAG AA × Fail

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 2A5B29 Background



This preview shows how black text looks on a background with the Hex color 2A5B29.



This preview shows how white text looks on a background with the Hex color 2A5B29.

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
2A5B29

Protanopia
595026

Deuteranopia
624D2D



Tritanopia
35565C

Trichromacy



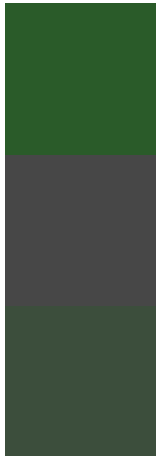
Original Color
2A5B29

Protanomaly
485427

Deuteranomaly
4E522C

Tritanomaly
315849

Monochromacy



Original Color
2A5B29

Achromatopsia
474747

Achromatomaly
3C4E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5B29 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 #2A5B29 looks like.

```
.text, #text, p{  
    color:#2A5B29  
}
```

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 #2A5B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5B29
}
```

Border

The CSS property to change the border of an element to Hex 2A5B29 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".

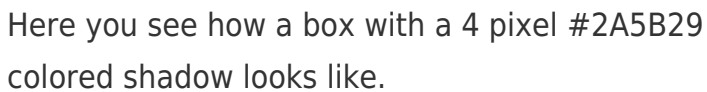
```
.border, #border, table{ border:4px solid
#2A5B29 }
```

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

```
.border{ border-color:#2A5B29 }
```

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

Here you see how a box with a 4 pixel #2A5B29 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #2A5B29 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5B29; -webkit-box-shadow:4px 4px  
4px 4px #2A5B29; box-shadow:4px 4px 4px  
4px #2A5B29 }
```

Background

The CSS property to change the background color of an element to Hex 2A5B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5B29 }
```

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

```
.background{ background-color:#2A5B29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor