

Converting Colors

Hex(2A5529)

Have a look what the booklet for
Hex(2A5529) contains.

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Color

Hex(2A5529)

Conversions

Conversions Part 1

Format	Color
Hex	2A5529
RGB	42, 85, 41
RGB Percent	16%, 33%, 16%
CMY	0.8353, 0.6667, 0.8392
CMYK	0.51, 0.00, 0.52, 0.67
HSL	119°, 35%, 25%
HSV	119°, 52%, 33%
XYZ	4.6036, 7.1493, 3.2351
YIQ	67.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

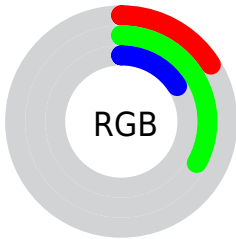
Format	Color
RYB	41, 85, 84
Decimal	2774313
CIELab	32.14, -25.26, 21.06
CIElCh	32, 32.889, 140.178
Yxy	7.1493, 0.3071, 0.4770
Android (android.graphics.Color)	4280964393 (0xFF2A5529)
YUV	67.1270, -12.8806, -22.0364
Hunter-Lab	26.7382, -16.0592, 11.5431

Details

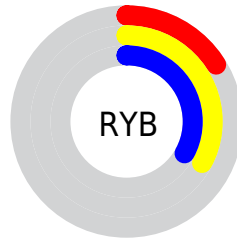
The Hex color **2A5529** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542955**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5B8757**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **225521**, and if you desaturate by 10%, it is **325531**.

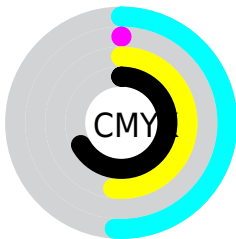
Distribution



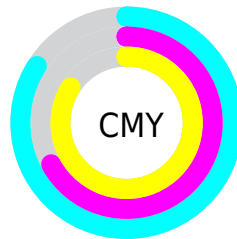
- Red (16%)
- Green (33%)
- Blue (16%)



- Red (16%)
- Yellow (33%)
- Blue (33%)



- Cyan (51%)
- Magenta (0%)
- Yellow (52%)
- Black (67%)



- Cyan (84%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A5529 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 2A5529 by changing the saturation by 10% instead.

 2A5529

 2A5529


FFFFFF

 113D13

 5B8757

 002700

 74A270

 000E00

 8FBD89

 000000

 A9D9A4

 C5F5BF

 E1FFDB

 FEFFF8

 2A5529

 2A5529

■ 225521

■ 325531

■ 195518

■ 3B553A

■ 115510

■ 435542

■ 095507

■ 4B554B

■ 025500

■ 545553

■ 5C555C

■ 645564

■ 6C556D

■ 755575

Harmonies

Analogous

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



495018



2A5529



005842

Triad

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



2A5529



00517E



7B363B

Complementary

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



2A5529



542955

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.



773655



2A5529



3E487C

Square

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



2A5529



005673



633E6D



733D25

Rectangle

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



2A5529



005854



633E6D



7B3544

Sweetspot

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



2A5529



5D6E5C



555429



2E382D



B8B8B8



383838

Same Dimension

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



2A5529



2B6E2A



29553E



272B27



026B00



05EB00

Inverse Universe

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



542955



6C2A6E



552940



2B272B



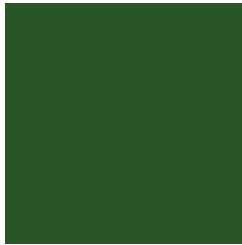
69006B



E500EB

Previews

White Background



This preview shows how the Hex color 2A5529 looks on a white background.

Color Contrast Check

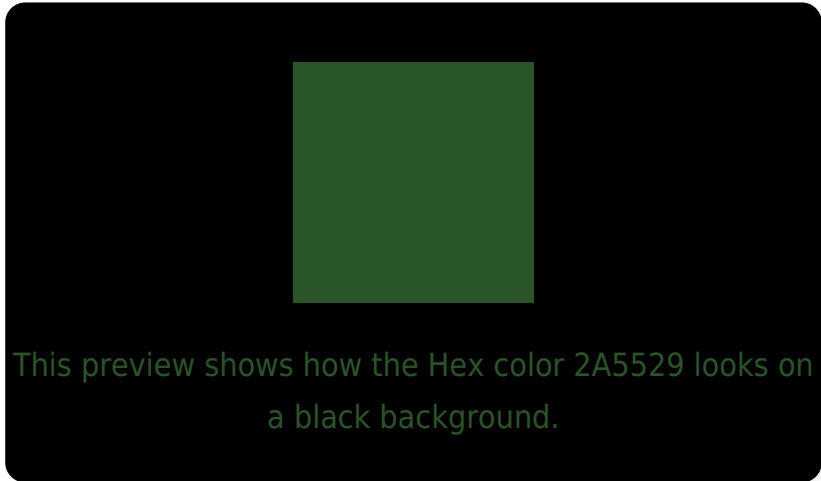
Large Text (above 18pt) WCAG AA ✓ Pass

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

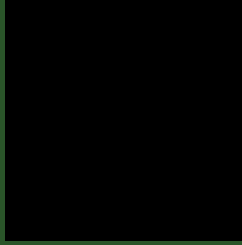
Any Text WCAG AA × Fail

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 2A5529 Background



This preview shows how black text looks on a background with the Hex color 2A5529.



This preview shows how white text looks on a background with the Hex color 2A5529.

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
2A5529

Protanopia
534B26

Deuteranopia
5C482C



Tritanopia
345057

Trichromacy



Original Color
2A5529

Protanomaly
444F27

Deuteranomaly
4A4D2B

Tritanomaly
305246

Monochromacy



Original Color
2A5529

Achromatopsia
434343

Achromatomaly
3A4A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5529 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 #2A5529 looks like.

```
.text, #text, p{  
    color:#2A5529  
}
```

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 #2A5529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5529
}
```

Border

The CSS property to change the border of an element to Hex 2A5529 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".

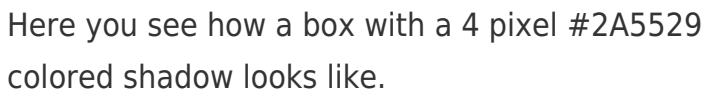
```
.border, #border, table{ border:4px solid
#2A5529 }
```

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

```
.border{ border-color:#2A5529 }
```

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

Here you see how a box with a 4 pixel #2A5529 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5529; -webkit-box-shadow:4px 4px  
4px 4px #2A5529; box-shadow:4px 4px 4px  
4px #2A5529 }
```

Background

The CSS property to change the background color of an element to Hex 2A5529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5529 }
```

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

```
.background{ background-color:#2A5529 }
```

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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