

Converting Colors

Hex(2A5517)

Have a look what the booklet for
Hex(2A5517) contains.

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Color

Hex(2A5517)

Conversions

Conversions Part 1

Format	Color
Hex	2A5517
RGB	42, 85, 23
RGB Percent	16%, 33%, 9%
CMY	0.8353, 0.6667, 0.9098
CMYK	0.51, 0.00, 0.73, 0.67
HSL	102°, 57%, 21%
HSV	102°, 73%, 33%
XYZ	4.3580, 7.0511, 1.9419
YIQ	65.0750, -5.7260, -28.3980

Conversions

Conversions Part 2

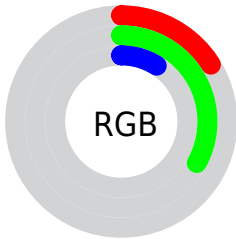
Format	Color
RYB	23, 85, 66
Decimal	2774295
CIELab	31.92, -27.61, 30.37
CIELCh	32, 41.043, 132.269
Yxy	7.0511, 0.3264, 0.5281
Android (android.graphics.Color)	4280964375 (0xFF2A5517)
YUV	65.0750, -20.7430, -20.2368
Hunter-Lab	26.5539, -17.1741, 14.2518

Details

The Hex color **2A5517** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **421755**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5C8746**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **24550F**, and if you desaturate by 10%, it is **30551F**.

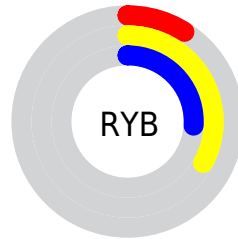
Distribution



Red (16%)

Green (33%)

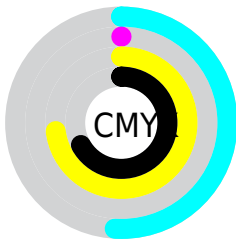
Blue (9%)



Red (9%)

Yellow (33%)

Blue (26%)

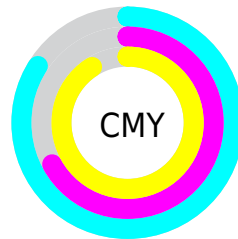


Cyan (51%)

Magenta (0%)

Yellow (73%)

Black (67%)



Cyan (84%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5517 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 2A5517 by changing the saturation by 10% instead.



2A5517



2A5517

FFFFFF



113D00



5C8746



002700



76A25E



000D00



90BD77



000000



ABD991



C7F5AC



E3FFC8



FFFFE4



2A5517



2A5517

■ 24550F

■ 30551F

■ 1E5506

■ 365528

■ 1A5500

■ 3C5530

■ 425539

■ 475542

■ 4D554A

■ 535552

■ 59555B

■ 5F5563

Harmonies

Analogous

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



4F4E00



2A5517



005936

Triad

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



2A5517



005488



852B3F

Complementary

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



2A5517



421755

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.



7B2F60



2A5517



1D4A8A

Square

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



2A5517



005976



5D3C7B



7E3521

Rectangle

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



2A5517



005A4D



5D3C7B



842A4A

Sweetspot

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



2A5517



5D6E56



554117



2E382A



B8B8B8



383838

Same Dimension

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



2A5517



2B6E0D



175522



282B27



216B00



48EB00

Inverse Universe

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



421755



500D6E



55174A



2A272B



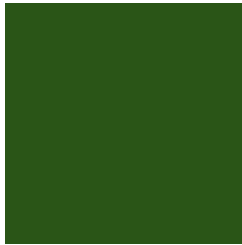
4A006B



A300EB

Previews

White Background



This preview shows how the Hex color 2A5517 looks on a white background.

Color Contrast Check

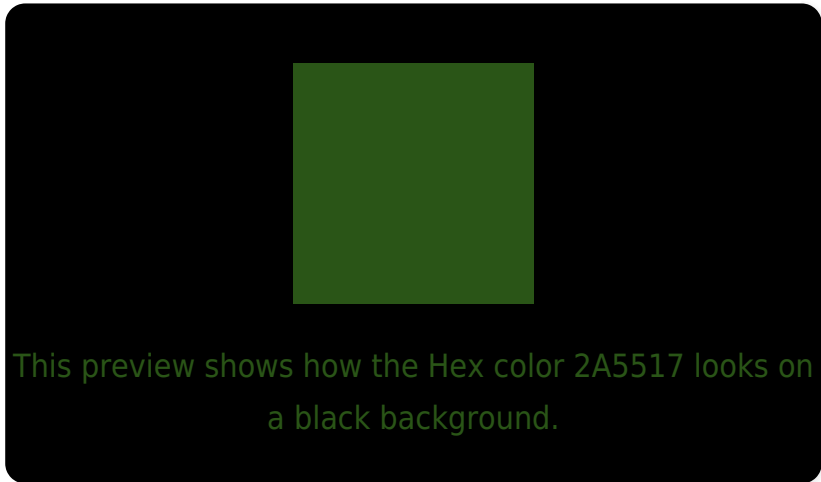
Large Text (above 18pt) WCAG AA ✓ Pass

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

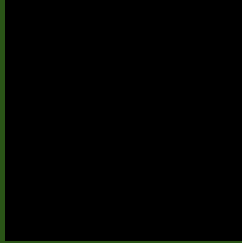
Any Text WCAG AA × Fail

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 2A5517 Background



This preview shows how black text looks on a background with the Hex color 2A5517.



This preview shows how white text looks on a background with the Hex color 2A5517.

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
2A5517

Protanopia
544B14

Deuteranopia
5D471C



Tritanopia
354F56

Trichromacy



Original Color
2A5517

Protanomaly
454F15

Deuteranomaly
4A4C1A

Tritanomaly
31513F

Monochromacy



Original Color
2A5517

Achromatopsia
414141

Achromatomaly
394832

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5517 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 #2A5517 looks like.

```
.text, #text, p{  
    color:#2A5517  
}
```

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 #2A5517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5517
}
```

Border

The CSS property to change the border of an element to Hex 2A5517 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".

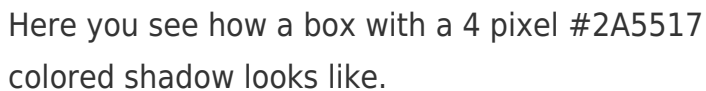
```
.border, #border, table{ border:4px solid
#2A5517 }
```

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

```
.border{ border-color:#2A5517 }
```

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

Here you see how a box with a 4 pixel #2A5517 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 #2A5517; -webkit-box-shadow:4px 4px  
4px 4px #2A5517; box-shadow:4px 4px 4px  
4px #2A5517 }
```

Background

The CSS property to change the background color of an element to Hex 2A5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5517 }
```

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

```
.background{ background-color:#2A5517 }
```

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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