

Converting Colors

Hex(2A5C00)

Have a look what the booklet for
Hex(2A5C00) contains.

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Color

Hex(2A5C00)

Conversions

Conversions Part 1

Format	Color
Hex	2A5C00
RGB	42, 92, 0
RGB Percent	16%, 36%, 0%
CMY	0.8353, 0.6392, 1.0000
CMYK	0.54, 0.00, 1.00, 0.64
HSL	93°, 100%, 18%
HSV	93°, 100%, 36%
XYZ	4.7820, 8.1465, 1.3204
YIQ	66.5620, -0.2680, -39.2120

Conversions

Conversions Part 2

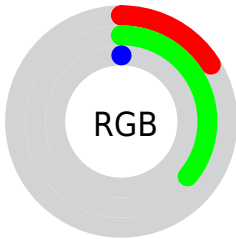
Format	Color
RYB	0, 92, 50
Decimal	2776064
CIELab	34.29, -32.17, 40.75
CIELCh	34, 51.917, 128.286
Yxy	8.1465, 0.3356, 0.5717
Android (android.graphics.Color)	4280966144 (0xFF2A5C00)
YUV	66.5620, -32.8151, -21.5409
Hunter-Lab	28.5421, -20.0426, 17.2366

Details

The Hex color **2A5C00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **32005C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5E8F37**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **2A5C00**, and if you desaturate by 10%, it is **2F5C09**.

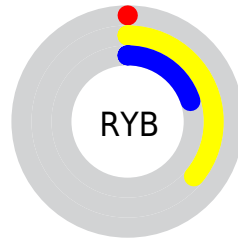
Distribution



Red (16%)

Green (36%)

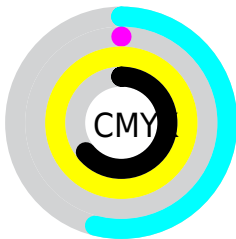
Blue (0%)



Red (0%)

Yellow (36%)

Blue (20%)

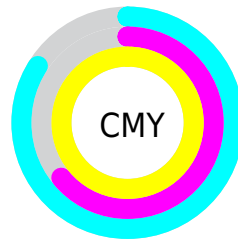


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (84%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5C00 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 2A5C00 by changing the saturation by 10% instead.

 2A5C00

 2A5C00

 FFFFF2

 104400

 5E8F37

 002D00

 78A950

 001800

 93C569

 000000

 AFE183

 CBF9E

 E8FFB9

 FFFFD5

 2A5C00

 2F5C09

 345C12

 395C1C

 3E5C25

 435C2E

 485C37

 4D5C40

 525C4A

 575C53

Harmonies

Analogous

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



585300



2A5C00



006130

Triad

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



2A5C00



005D9E



981F47

Complementary

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



2A5C00



32005C

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.



8A2970



2A5C00



0052A3

Square

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



2A5C00



006283



5F4092



912F1F

Rectangle

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



2A5C00



00624D



5F4092



961F55

Sweetspot

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



2A5C00



647854



5C3100



313D27



BDBDBD



3D3D3D

Same Dimension

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



2A5C00



377800



005C03



2B2E29



326E00



6CED00

Inverse Universe

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



32005C



410078



5C0059



2C292E



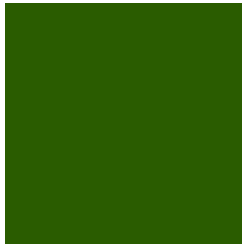
3C006E



8100ED

Previews

White Background



This preview shows how the Hex color 2A5C00 looks on a white background.

Color Contrast Check

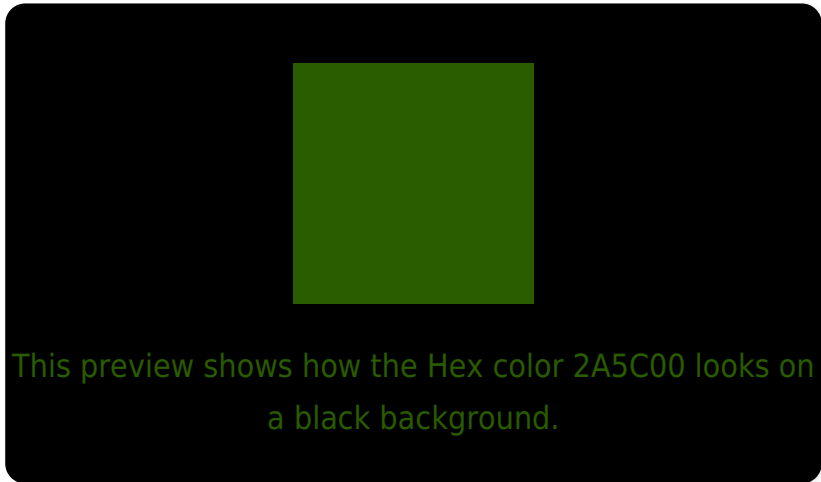
Large Text (above 18pt) WCAG AA ✓ Pass

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

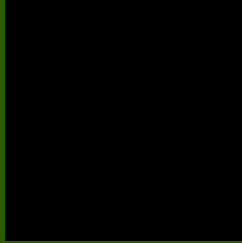
Any Text WCAG AA × Fail

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 2A5C00 Background



This preview shows how black text looks on a background with the Hex color 2A5C00.



This preview shows how white text looks on a background with the Hex color 2A5C00.

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
2A5C00

Protanopia
5B5100

Deuteranopia
654C13



Tritanopia
37565C

Trichromacy



Original Color
2A5C00

Protanomaly
495500

Deuteranomaly
50520C

Tritanomaly
32583B

Monochromacy



Original Color
2A5C00

Achromatopsia
434343

Achromatomaly
3A4C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5C00 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 #2A5C00 looks like.

```
.text, #text, p{  
    color:#2A5C00  
}
```

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 #2A5C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5C00
}
```

Border

The CSS property to change the border of an element to Hex 2A5C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

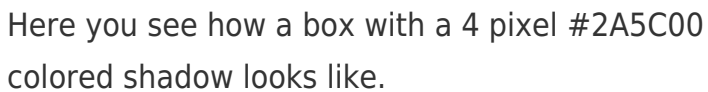
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A5C00 }
```

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

```
.border{ border-color:#2A5C00 }
```

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



Here you see how a box with a 4 pixel #2A5C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5C00; -webkit-box-shadow:4px 4px  
4px 4px #2A5C00; box-shadow:4px 4px 4px  
4px #2A5C00 }
```

Background

The CSS property to change the background color of an element to Hex 2A5C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5C00 }
```

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

```
.background{ background-color:#2A5C00 }
```

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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