

Converting Colors

Hex(2A6307)

Have a look what the booklet for
Hex(2A6307) contains.

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Color

Hex(2A6307)

Conversions

Conversions Part 1

Format	Color
Hex	2A6307
RGB	42, 99, 7
RGB Percent	16%, 39%, 3%
CMY	0.8353, 0.6118, 0.9725
CMYK	0.58, 0.00, 0.93, 0.61
HSL	97°, 87%, 21%
HSV	97°, 93%, 39%
XYZ	5.4550, 9.4313, 1.7339
YIQ	71.4690, -4.4400, -40.6960

Conversions

Conversions Part 2

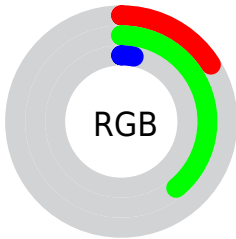
Format	Color
RYB	7, 99, 64
Decimal	2777863
CIELab	36.80, -34.73, 40.72
CIELCh	37, 53.517, 130.459
Yxy	9.4313, 0.3282, 0.5675
Android (android.graphics.Color)	4280967943 (0xFF2A6307)
YUV	71.4690, -31.7832, -25.8443
Hunter-Lab	30.7104, -22.0364, 18.1497

Details

The Hex color **2A6307** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **400763**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5F963D**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **266300**, and if you desaturate by 10%, it is **306311**.

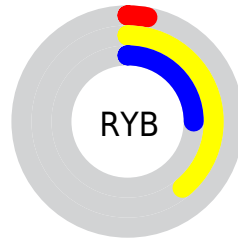
Distribution



Red (16%)

Green (39%)

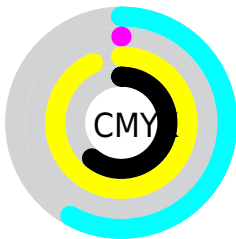
Blue (3%)



Red (3%)

Yellow (39%)

Blue (25%)

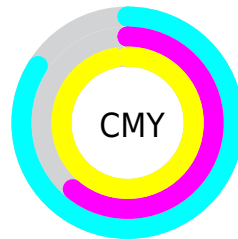


Cyan (58%)

Magenta (0%)

Yellow (93%)

Black (61%)



Cyan (84%)

Magenta (61%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6307 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 2A6307 by changing the saturation by 10% instead.

 2A6307

 2A6307

 FFFFF9

 0C4B00

 5F963D

 003300

 79B156

 002000

 95CD6F

 000000

 B0E98A

 CDFFA5

 E9FFC0

 FFFFDD

 2A6307

 2A6307

■ 266300

■ 306311

■ 36631B

■ 3C6325

■ 43632F

■ 496339

■ 4F6342

■ 55634C

■ 5B6356

■ 616360

Harmonies

Analogous

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



5C5900



2A6307



006838

Triad

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



2A6307



0063A8



A22449

Complementary

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



2A6307



400763

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.



942D74



2A6307



0057AC

Square

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



2A6307



00698E



6A4399



993520

Rectangle

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



2A6307



006956



6A4399



A02458

Sweetspot

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



2A6307



69805C



634007



32402A



BFBFBF



404040

Same Dimension

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



2A6307



318000



076312



2D302C



2B7000



5BF000

Inverse Universe

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



400763



4F0080



630758



2F2C30



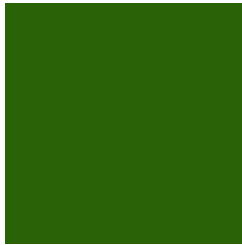
460070



9500F0

Previews

White Background



This preview shows how the Hex color 2A6307 looks on a white background.

Color Contrast Check

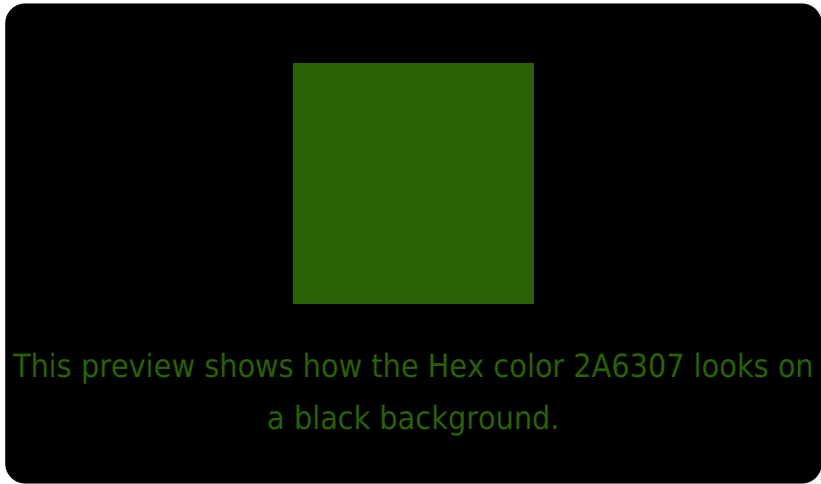
Large Text (above 18pt) WCAG AA ✓ Pass

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

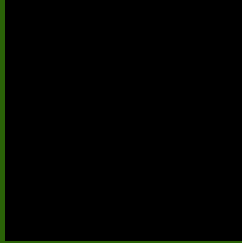
Any Text WCAG AA × Fail

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 2A6307 Background



This preview shows how black text looks on a background with the Hex color 2A6307.



This preview shows how white text looks on a background with the Hex color 2A6307.

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
2A6307

Protanopia
615700

Deuteranopia
6D5215



Tritanopia
395C63

Trichromacy



Original Color
2A6307

Protanomaly
4D5B03

Deuteranomaly
555810

Tritanomaly
345F42

Monochromacy



Original Color
2A6307

Achromatopsia
474747

Achromatomaly
3C5130

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6307 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 #2A6307 looks like.

```
.text, #text, p{  
    color:#2A6307  
}
```

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 #2A6307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6307
}
```

Border

The CSS property to change the border of an element to Hex 2A6307 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".

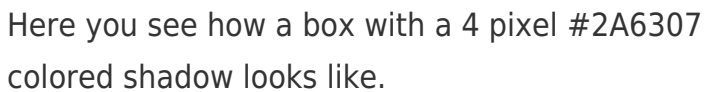
```
.border, #border, table{ border:4px solid
#2A6307 }
```

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

```
.border{ border-color:#2A6307 }
```

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

Here you see how a box with a 4 pixel #2A6307 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6307; -webkit-box-shadow:4px 4px  
4px 4px #2A6307; box-shadow:4px 4px 4px  
4px #2A6307 }
```

Background

The CSS property to change the background color of an element to Hex 2A6307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6307 }
```

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

```
.background{ background-color:#2A6307 }
```

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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