

# Converting Colors

Hex(2A6305)

Have a look what the booklet for  
Hex(2A6305) contains.

<b>Hex(2A6305)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(2A6305)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2A6305
RGB	42, 99, 5
RGB Percent	16%, 39%, 2%
CMY	0.8353, 0.6118, 0.9804
CMYK	0.58, 0.00, 0.95, 0.61
HSL	96°, 90%, 20%
HSV	96°, 95%, 39%
XYZ	5.4441, 9.4269, 1.6762
YIQ	71.2410, -3.7980, -41.3180

# Conversions

## Conversions Part 2

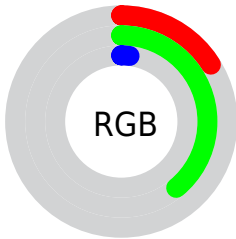
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 99, 62
Decimal	2777861
CIELab	36.79, -34.82, 41.27
CIELCh	37, 53.998, 130.156
Yxy	9.4269, 0.3290, 0.5697
Android (android.graphics.Color)	4280967941 (0xFF2A6305)
YUV	71.2410, -32.6568, -25.6444
Hunter-Lab	30.7032, -22.0803, 18.2554

# Details

The Hex color **2A6305** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3E0563**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5F963C**, and **003300** is the 20% darker color. If you saturate the color by 10%, you get **276300**, and if you desaturate by 10%, it is **30630F**.

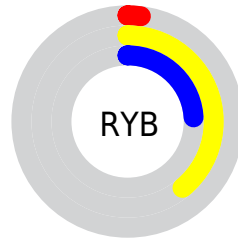
# Distribution



Red (16%)

Green (39%)

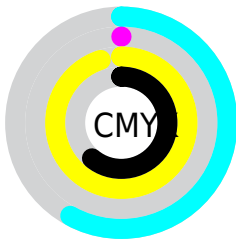
Blue (2%)



Red (2%)

Yellow (39%)

Blue (24%)

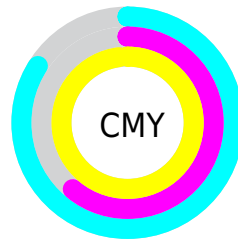


Cyan (58%)

Magenta (0%)

Yellow (95%)

Black (61%)



Cyan (84%)

Magenta (61%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A6305 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 2A6305 by changing the saturation by 10% instead.



 2A6305

 2A6305

 FFFFF8

 0C4B00

 5F963C

 003300

 7AB155

 002000

 95CD6E

 000000

 B0E989

 CDFFA3

 EAFFBF

 FFFFDB

 2A6305

 2A6305

■ 276300

■ 30630F

■ 366319

■ 3C6323

■ 42632D

■ 486337

■ 4E6340

■ 54634A

■ 5A6354

■ 60635E

# Harmonies

## Analogous

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



5C5900



2A6305



006837

# Triad

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



2A6305



0063A9



A2234A

# Complementary

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



2A6305



3E0563

# 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.



942C75



2A6305



0057AD

# Square

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



2A6305



00698E



6A439A



9A3420

# Rectangle

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



2A6305



006956



6A439A



A12358



# Sweetspot

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



2A6305



6A805C



633D05



33402A



BFBFBF



404040



# Same Dimension

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



2A6305



328000



05630E



2E302C



2C7000



5EF000



# Inverse Universe

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



3E0563



4D0080



63055A



2F2C30



440070



9100F0



# Previews

## White Background



This preview shows how the Hex color 2A6305 looks on a white background.

## Color Contrast Check

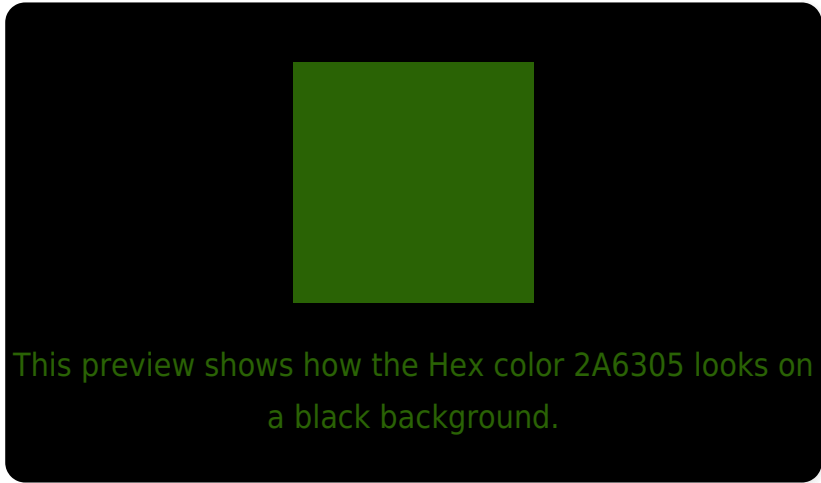
Large Text (above 18pt) WCAG AA ✓ Pass

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

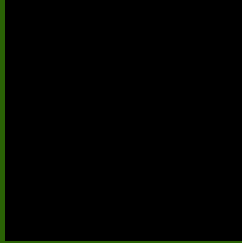
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A6305 Background



This preview shows how black text looks on a background with the Hex color 2A6305.



This preview shows how white text looks on a background with the Hex color 2A6305.

# 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**  
2A6305

**Protanopia**  
615700

**Deuteranopia**  
6D5215



**Tritanopia**  
395C63

# Trichromacy



**Original Color**  
2A6305

**Protanomaly**  
4D5B02

**Deuteranomaly**  
55580F

**Tritanomaly**  
345F41

# Monochromacy



**Original Color**  
2A6305

**Achromatopsia**  
474747

**Achromatomaly**  
3C512F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A6305 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 #2A6305 looks like.

```
.text, #text, p{  
    color:#2A6305  
}
```

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 #2A6305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6305
}
```

## Border

The CSS property to change the border of an element to Hex 2A6305 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".

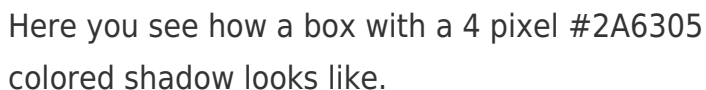
```
.border, #border, table{ border:4px solid
#2A6305 }
```

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

```
.border{ border-color:#2A6305 }
```

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

Here you see how a box with a 4 pixel #2A6305 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6305; -webkit-box-shadow:4px 4px  
4px 4px #2A6305; box-shadow:4px 4px 4px  
4px #2A6305 }
```

# Background

The CSS property to change the background color of an element to Hex 2A6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6305 }
```

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

```
.background{ background-color:#2A6305 }
```

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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