

Converting Colors

Hex(2A5315)

Have a look what the booklet for
Hex(2A5315) contains.

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Color

Hex(2A5315)

Conversions

Conversions Part 1

Format	Color
Hex	2A5315
RGB	42, 83, 21
RGB Percent	16%, 33%, 8%
CMY	0.8353, 0.6745, 0.9176
CMYK	0.49, 0.00, 0.75, 0.67
HSL	100°, 60%, 20%
HSV	100°, 75%, 33%
XYZ	4.1835, 6.7329, 1.7886
YIQ	63.6730, -4.5340, -27.9740

Conversions

Conversions Part 2

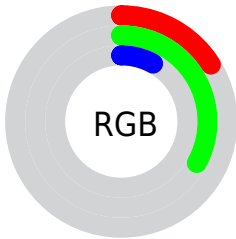
Format	Color
R_{YB}	21, 83, 62
Decimal	2773781
CIE Lab	31.19, -26.87, 30.52
CIE LCh	31, 40.667, 131.360
Yxy	6.7329, 0.3293, 0.5299
Android (android.graphics.Color)	4280963861 (0xFF2A5315)
YUV	63.6730, -21.0378, -19.0072
Hunter-Lab	25.9478, -16.6299, 14.0767

Details

The Hex color **2A5315** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3E1553**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5C8544**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **25530D**, and if you desaturate by 10%, it is **2F531D**.

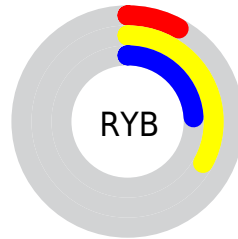
Distribution



Red (16%)

Green (33%)

Blue (8%)



Red (8%)

Yellow (33%)

Blue (24%)

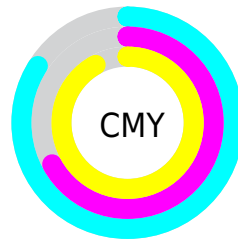


Cyan (49%)

Magenta (0%)

Yellow (75%)

Black (67%)



Cyan (84%)

Magenta (67%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2A5315 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 2A5315 by changing the saturation by 10% instead.

 2A5315

 2A5315

FFFFFF

 113C00

 5C8544

 002600

 759F5C

 000800

 90BA75

 000000

 ABD68F

 C7F3AA

 E3FFC6

 FFFFE2

 2A5315

 2A5315

■ 25530D

■ 2F531D

■ 1F5304

■ 355326

■ 1C5300

■ 3A532E

■ 405336

■ 45533E

■ 4B5347

■ 50534F

■ 565357

■ 5B5360

Harmonies

Analogous

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



4E4C00



2A5315



005734

Triad

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



2A5315



005286



82293F

Complementary

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



2A5315



3E1553

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.



782D5E



2A5315



174988

Square

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



2A5315



005773



5A3B7A



7C3321

Rectangle

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



2A5315



00584A



5A3B7A



812949

Sweetspot

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



2A5315



5C6B54



533D15



2C3628



B5B5B5



363636

Same Dimension

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



2A5315



2B6B0B



15531E



262925



236900



4FE800

Inverse Universe

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



3E1553



4A0B6B



53154A



272529



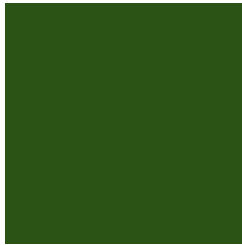
450069



9900E8

Previews

White Background



This preview shows how the Hex color 2A5315 looks on a white background.

Color Contrast Check

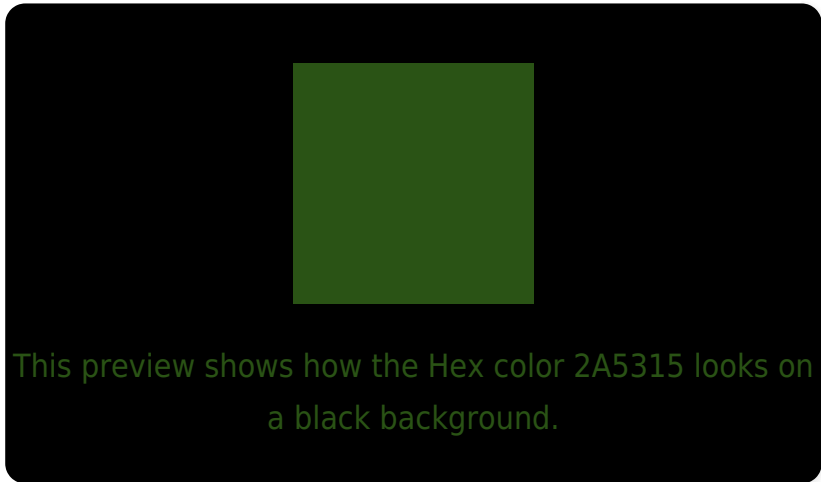
Large Text (above 18pt) WCAG AA ✓ Pass

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

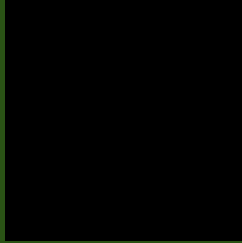
Any Text WCAG AA × Fail

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 2A5315 Background



This preview shows how black text looks on a background with the Hex color 2A5315.



This preview shows how white text looks on a background with the Hex color 2A5315.

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
2A5315

Protanopia
524913

Deuteranopia
5B461A



Tritanopia
354D54

Trichromacy



Original Color
2A5315

Protanomaly
434D14

Deuteranomaly
494B18

Tritanomaly
314F3D

Monochromacy



Original Color
2A5315

Achromatopsia
404040

Achromatomaly
384730

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5315 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 #2A5315 looks like.

```
.text, #text, p{  
    color:#2A5315  
}
```

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 #2A5315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5315
}
```

Border

The CSS property to change the border of an element to Hex 2A5315 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".

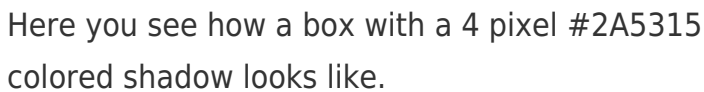
```
.border, #border, table{ border:4px solid
#2A5315 }
```

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

```
.border{ border-color:#2A5315 }
```

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

Here you see how a box with a 4 pixel #2A5315 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 #2A5315; -webkit-box-shadow:4px 4px  
4px 4px #2A5315; box-shadow:4px 4px 4px  
4px #2A5315 }
```

Background

The CSS property to change the background color of an element to Hex 2A5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5315 }
```

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

```
.background{ background-color:#2A5315 }
```

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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