

Converting Colors

Hex(2A6215)

Have a look what the booklet for
Hex(2A6215) contains.

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Color

Hex(2A6215)

Conversions

Conversions Part 1

Format	Color
Hex	2A6215
RGB	42, 98, 21
RGB Percent	16%, 38%, 8%
CMY	0.8353, 0.6157, 0.9176
CMYK	0.57, 0.00, 0.79, 0.62
HSL	104°, 65%, 23%
HSV	104°, 79%, 38%
XYZ	5.4579, 9.2817, 2.2134
YIQ	72.4780, -8.6590, -35.8190

Conversions

Conversions Part 2

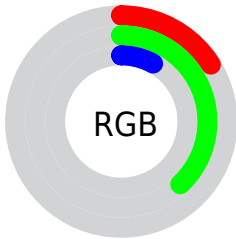
Format	Color
RYB	21, 98, 77
Decimal	2777621
CIELab	36.52, -33.48, 35.97
CIELCh	37, 49.143, 132.950
Yxy	9.2817, 0.3219, 0.5475
Android (android.graphics.Color)	4280967701 (0xFF2A6215)
YUV	72.4780, -25.3787, -26.7292
Hunter-Lab	30.4660, -21.3377, 17.0187

Details

The Hex color **2A6215** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4D1562**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5E9546**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **23620B**, and if you desaturate by 10%, it is **31621F**.

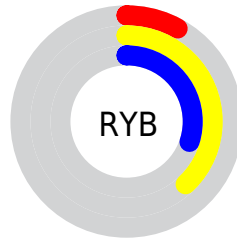
Distribution



Red (16%)

Green (38%)

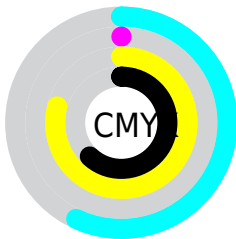
Blue (8%)



Red (8%)

Yellow (38%)

Blue (30%)

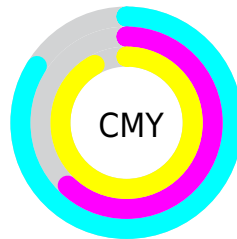


Cyan (57%)

Magenta (0%)

Yellow (79%)

Black (62%)



Cyan (84%)

Magenta (62%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6215 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 2A6215 by changing the saturation by 10% instead.



2A6215



2A6215

FFFFFF



0C4A00



5E9546



003200



78B05F



001F00



93CC78



000000



AFE892



CBFFAE



E8FFC9



FFFFE6



2A6215



2A6215

■ 23620B

■ 31621F

■ 1C6201

■ 386229

■ 1B6200

■ 3F6232

■ 47623C

■ 4E6246

■ 556250

■ 5C625A

■ 636263

■ 6A626D

Harmonies

Analogous

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



585900



2A6215



00663D

Triad

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



2A6215



0061A2



9C2C47

Complementary

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



2A6215



4D1562

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.



91316E



2A6215



1455A3

Square

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



2A6215



00668B



6D4390



933A21

Rectangle

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



2A6215



006859



6D4390



9B2B54

Sweetspot

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



2A6215



698061



624C15



32402D



BFBFBF



404040

Same Dimension

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



2A6215



288008



156226



2D302C



1F7000



41F000

Inverse Universe

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



4D1562



5F0880



621551



2F2C30



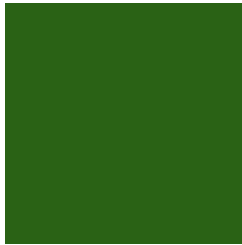
520070



AE00F0

Previews

White Background



This preview shows how the Hex color 2A6215 looks on a white background.

Color Contrast Check

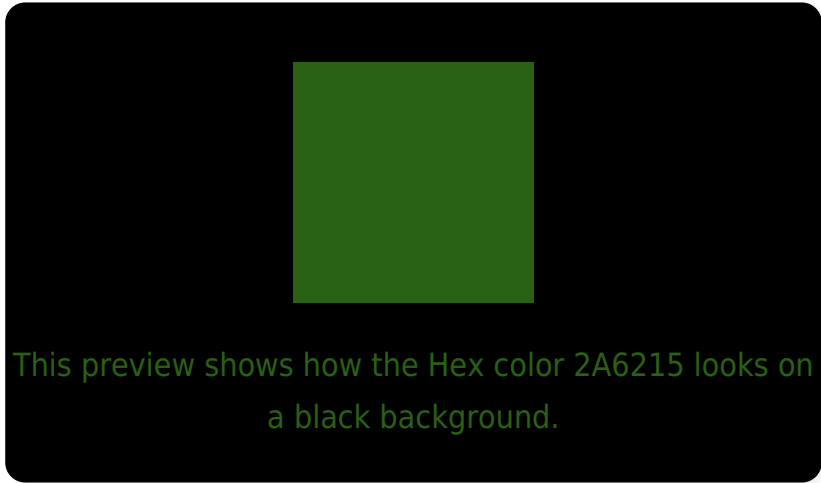
Large Text (above 18pt) WCAG AA ✓ Pass

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

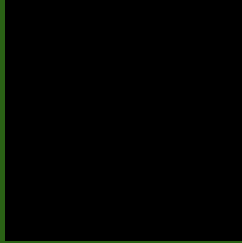
Any Text WCAG AA × Fail

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 2A6215 Background



This preview shows how black text looks on a background with the Hex color 2A6215.



This preview shows how white text looks on a background with the Hex color 2A6215.

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
2A6215

Protanopia
605612

Deuteranopia
6B511D



Tritanopia
395B63

Trichromacy



Original Color
2A6215

Protanomaly
4C5A13

Deuteranomaly
53571A

Tritanomaly
345E47

Monochromacy



Original Color
2A6215

Achromatopsia
484848

Achromatomaly
3D5135

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6215 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 #2A6215 looks like.

```
.text, #text, p{  
    color:#2A6215  
}
```

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 #2A6215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6215
}
```

Border

The CSS property to change the border of an element to Hex 2A6215 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".

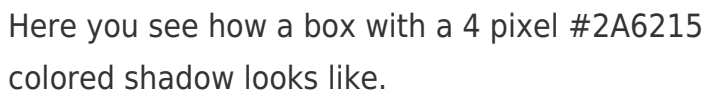
```
.border, #border, table{ border:4px solid
#2A6215 }
```

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

```
.border{ border-color:#2A6215 }
```

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

Here you see how a box with a 4 pixel #2A6215 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6215; -webkit-box-shadow:4px 4px  
4px 4px #2A6215; box-shadow:4px 4px 4px  
4px #2A6215 }
```

Background

The CSS property to change the background color of an element to Hex 2A6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6215 }
```

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

```
.background{ background-color:#2A6215 }
```

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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