

Converting Colors

Hex(2A6030)

Have a look what the booklet for
Hex(2A6030) contains.

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Color

Hex(2A6030)

Conversions

Conversions Part 1

Format	Color
Hex	2A6030
RGB	42, 96, 48
RGB Percent	16%, 38%, 19%
CMY	0.8353, 0.6235, 0.8118
CMYK	0.56, 0.00, 0.50, 0.62
HSL	127°, 39%, 27%
HSV	127°, 56%, 38%
XYZ	5.6712, 9.0714, 4.2484
YIQ	74.3820, -16.7760, -26.3760

Conversions

Conversions Part 2

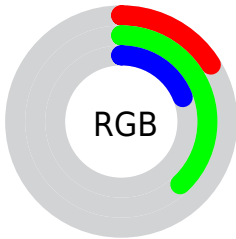
Format	Color
RYB	42, 91, 96
Decimal	2777136
CIELab	36.12, -29.28, 22.03
CIElCh	36, 36.642, 143.042
Yxy	9.0714, 0.2986, 0.4777
Android (android.graphics.Color)	4280967216 (0xFF2A6030)
YUV	74.3820, -13.0063, -28.3990
Hunter-Lab	30.1187, -19.0971, 12.7201

Details

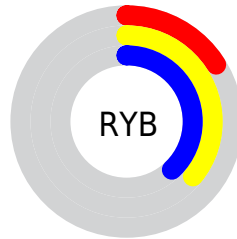
The Hex color **2A6030** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **602A5A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5C935F**, and **003102** is the 20% darker color. If you saturate the color by 10%, you get **206027**, and if you desaturate by 10%, it is **346039**.

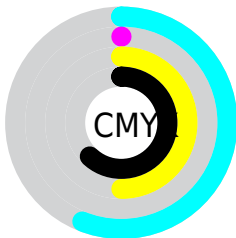
Distribution



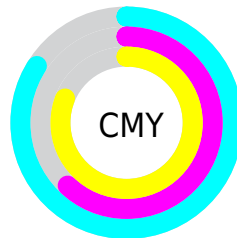
- Red (16%)
- Green (38%)
- Blue (19%)



- Red (16%)
- Yellow (36%)
- Blue (38%)



- Cyan (56%)
- Magenta (0%)
- Yellow (50%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6030 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 2A6030 by changing the saturation by 10% instead.

 2A6030

 2A6030

FFFFFF

 0F481A

 5C935F

 003102

 76AE78

 001E00

 91CA92

 000000

 ACE6AD

 C8FFC8

 E4FFE4

 2A6030

 2A6030

 206027

 346039

■ 17601F

■ 3D6041

■ 0D6016

■ 47604A

■ 04600E

■ 506052

■ 00600B

■ 5A605B

■ 646063

■ 6D606C

■ 776074

■ 80607D

Harmonies

Analogous

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



4F5A1B



2A6030



00634D

Triad

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



2A6030



005A8F



8B3C40

Complementary

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



2A6030



602A5A

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.



873B5D



2A6030



4A508B

Square

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



2A6030



006183



724479



804627

Rectangle

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



2A6030



006361



724479



8B3B49

Sweetspot

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



2A6030



687D6A



5B602A



334034



BFBFBF



404040

Same Dimension

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



2A6030



287D31



2A604A



2C302C



00700C



00F01B

Inverse Universe

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



602A5A



7D2874



602A40



302C30



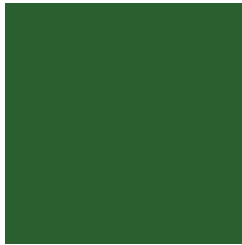
700064



F000D5

Previews

White Background



This preview shows how the Hex color 2A6030 looks on a white background.

Color Contrast Check

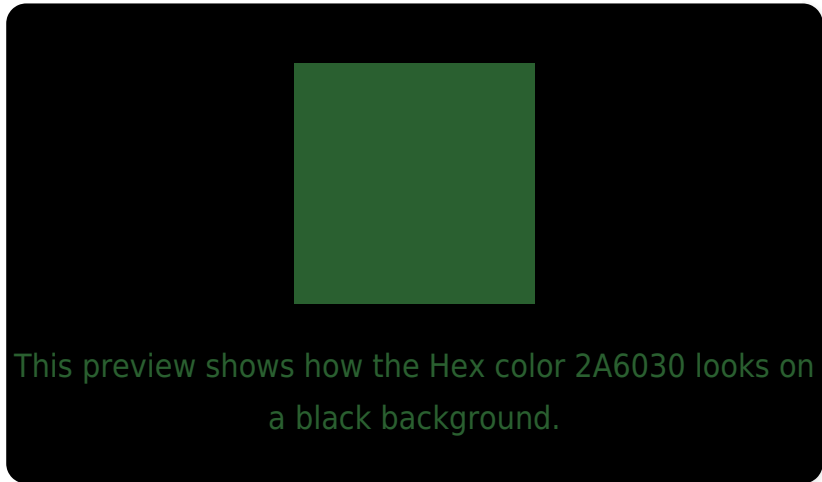
Large Text (above 18pt) WCAG AA ✓ Pass

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

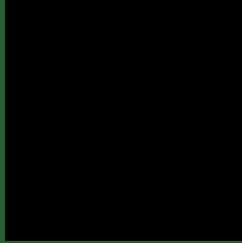
Any Text WCAG AA × Fail

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 2A6030 Background



This preview shows how black text looks on a background with the Hex color 2A6030.



This preview shows how white text looks on a background with the Hex color 2A6030.

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
2A6030

Protanopia
5D552C

Deuteranopia
665134



Tritanopia
365B62

Trichromacy



Original Color
2A6030

Protanomaly
4A592D

Deuteranomaly
505633

Tritanomaly
325D50

Monochromacy



Original Color
2A6030

Achromatopsia
4A4A4A

Achromatomaly
3E5241

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6030 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 #2A6030 looks like.

```
.text, #text, p{  
    color:#2A6030  
}
```

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 #2A6030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6030
}
```

Border

The CSS property to change the border of an element to Hex 2A6030 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".

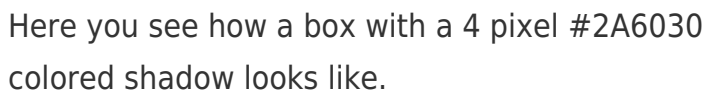
```
.border, #border, table{ border:4px solid
#2A6030 }
```

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

```
.border{ border-color:#2A6030 }
```

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

Here you see how a box with a 4 pixel #2A6030 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6030; -webkit-box-shadow:4px 4px  
4px 4px #2A6030; box-shadow:4px 4px 4px  
4px #2A6030 }
```

Background

The CSS property to change the background color of an element to Hex 2A6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6030 }
```

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

```
.background{ background-color:#2A6030 }
```

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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