

Converting Colors

Hex(2A8B13)

Have a look what the booklet for
Hex(2A8B13) contains.

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Color

Hex(2A8B13)

Conversions

Conversions Part 1

Format	Color
Hex	2A8B13
RGB	42, 139, 19
RGB Percent	16%, 55%, 7%
CMY	0.8353, 0.4549, 0.9255
CMYK	0.70, 0.00, 0.86, 0.45
HSL	108°, 76%, 31%
HSV	108°, 86%, 55%
XYZ	10.3050, 19.0045, 3.7412
YIQ	96.3170, -19.2920, -57.8840

Conversions

Conversions Part 2

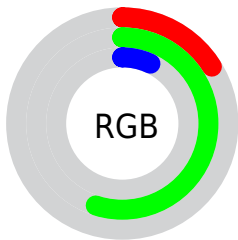
Format	Color
RYB	19, 139, 116
Decimal	2788115
CIELab	50.69, -49.05, 49.97
CIELCh	51, 70.018, 134.469
Yxy	19.0045, 0.3118, 0.5750
Android (android.graphics.Color)	4280978195 (0xFF2A8B13)
YUV	96.3170, -38.1173, -47.6360
Hunter-Lab	43.5941, -34.0950, 25.4277

Details

The Hex color **2A8B13** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **74138B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **67C24B**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **1F8B05**, and if you desaturate by 10%, it is **358B21**.

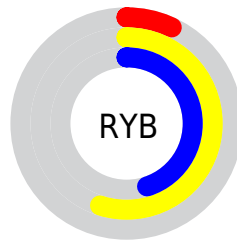
Distribution



Red (16%)

Green (55%)

Blue (7%)



Red (7%)

Yellow (55%)

Blue (45%)

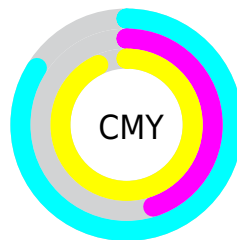


Cyan (70%)

Magenta (0%)

Yellow (86%)

Black (45%)



Cyan (84%)

Magenta (45%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8B13 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 2A8B13 by changing the saturation by 10% instead.

 2A8B13

 2A8B13

FFFFFF

 007100

 67C24B

 005700

 83DE66

 003F00

 A0FB80

 002A00

 BCFF9B

 000500

 DAFFB7

 000000

 F7FFD3

 FFFFF0

 2A8B13

 2A8B13

■ 1F8B05

■ 358B21

■ 1B8B00

■ 408B2F

■ 4C8B3D

■ 578B4B

■ 628B59

■ 6D8B66

■ 798B74

■ 848B82

■ 8F8B90

Harmonies

Analogous

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



777F00



2A8B13



009156

Triad

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



2A8B13



0088ED



E1325F

Complementary

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



2A8B13



74138B

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.



D2399A



2A8B13



0076EE

Square

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



2A8B13



0091CC



9E5ACF



D14D25

Rectangle

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



2A8B13



009380



9E5ACF



E02F72

Sweetspot

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



2A8B13



8FB586



8B7313



455C3F



DBDBDB



5C5C5C

Same Dimension

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



2A8B13



23B500



138B37



3F453E



198500



010500

Inverse Universe

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



74138B



9200B5



8B1367



443E45



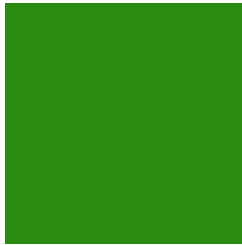
6B0085



040005

Previews

White Background



This preview shows how the Hex color 2A8B13 looks on a white background.

Color Contrast Check

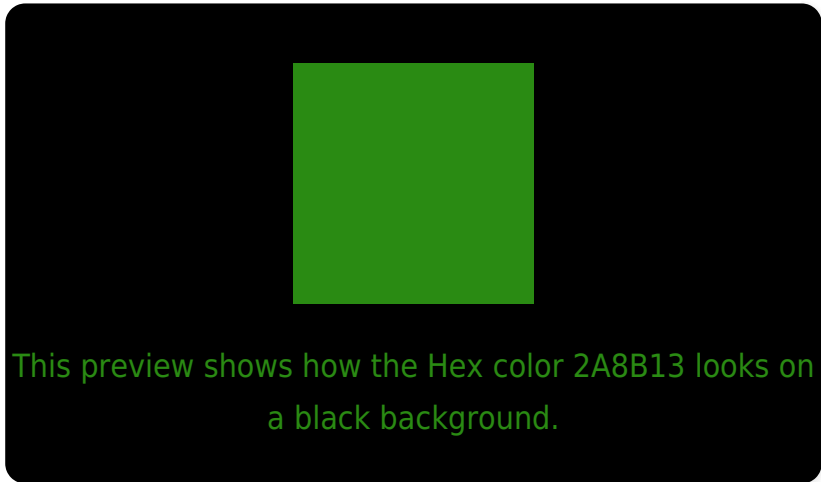
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

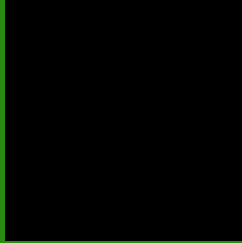
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2A8B13 Background



This preview shows how black text looks on a background with the Hex color 2A8B13.



This preview shows how white text looks on a background with the Hex color 2A8B13.

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
2A8B13

Protanopia
87780D

Deuteranopia
977222



Tritanopia
46818C

Trichromacy



Original Color
2A8B13



Protanomaly
657F0F



Deuteranomaly
6F7B1D



Tritanomaly
3C8560

Monochromacy



Original Color
2A8B13



Achromatopsia
606060



Achromatomaly
4C7044

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8B13 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 #2A8B13 looks like.

```
.text, #text, p{  
    color:#2A8B13  
}
```

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 #2A8B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8B13  
}
```

Border

The CSS property to change the border of an element to Hex 2A8B13 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".

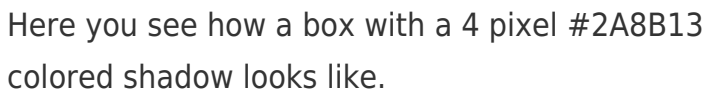
```
.border, #border, table{ border:4px solid  
#2A8B13 }
```

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

```
.border{ border-color:#2A8B13 }
```

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

Here you see how a box with a 4 pixel #2A8B13 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8B13; -webkit-box-shadow:4px 4px  
4px 4px #2A8B13; box-shadow:4px 4px 4px  
4px #2A8B13 }
```

Background

The CSS property to change the background color of an element to Hex 2A8B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8B13 }
```

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

```
.background{ background-color:#2A8B13 }
```

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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