

Converting Colors

Hex(41A933)

Have a look what the booklet for
Hex(41A933) contains.

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Color

Hex(41A933)

Conversions

Conversions Part 1

Format	Color
Hex	41A933
RGB	65, 169, 51
RGB Percent	25%, 66%, 20%
CMY	0.7451, 0.3373, 0.8000
CMYK	0.62, 0.00, 0.70, 0.34
HSL	113°, 54%, 43%
HSV	113°, 70%, 66%
XYZ	16.9655, 29.7388, 7.9780
YIQ	124.4520, -24.1060, -58.7460

Conversions

Conversions Part 2

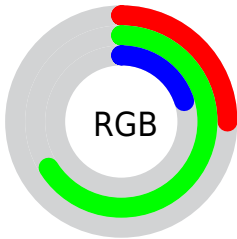
Format	Color
RYB	51, 169, 155
Decimal	4303155
CIELab	61.43, -52.22, 49.81
CIELCh	61, 72.164, 136.355
Yxy	29.7388, 0.3103, 0.5438
Android (android.graphics.Color)	4282493235 (0xFF41A933)
YUV	124.4520, -36.2118, -52.1394
Hunter-Lab	54.5333, -39.9013, 29.4994

Details

The Hex color **41A933** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B33A9**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7CE168**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **32A922**, and if you desaturate by 10%, it is **50A944**.

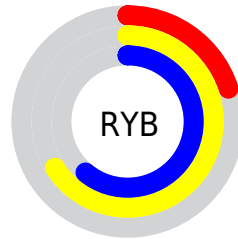
Distribution



Red (25%)

Green (66%)

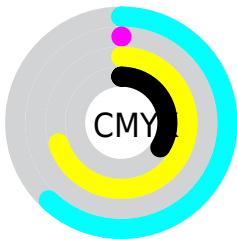
Blue (20%)



Red (20%)

Yellow (66%)

Blue (61%)

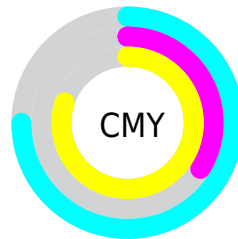


Cyan (62%)

Magenta (0%)

Yellow (70%)

Black (34%)



Cyan (75%)

Magenta (34%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A933 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 41A933 by changing the saturation by 10% instead.

 41A933

 41A933

FFFFFF

 1D8E16

 7CE168

 007400

 99FE82

 005A00

 B6FF9E

 004100

 D4FFB9

 002C00

 F1FFD6

 000A00

 FFFFF3

 000000

 41A933

 41A933

 32A922

 50A944

 23A911

 5FA955

 14A900

 6EA966

 7DA977

 8BA987

 9AA998

 A9A9A9

 B8A9BA

 C7A9CB

Harmonies

Analogous

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



919C00



41A933



00B074

Triad

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



41A933



00A4FF



FF5274

Complementary

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



41A933



9B33A9

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.



F855B4



41A933



4B90FF

Square

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



41A933



00AEF0



C272ED



F36A39

Rectangle

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



41A933



00B1A1



C272ED



FF4F89

Sweetspot

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



41A933



B3DBAD



A99933



556E52



EDEDED



6E6E6E

Same Dimension

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



41A933



39DB23



33A95E



4D544C



129400



021400

Inverse Universe

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



9B33A9



C523DB



A9337E



534C54



820094



120014

Previews

White Background



This preview shows how the Hex color 41A933 looks on a white background.

Color Contrast Check

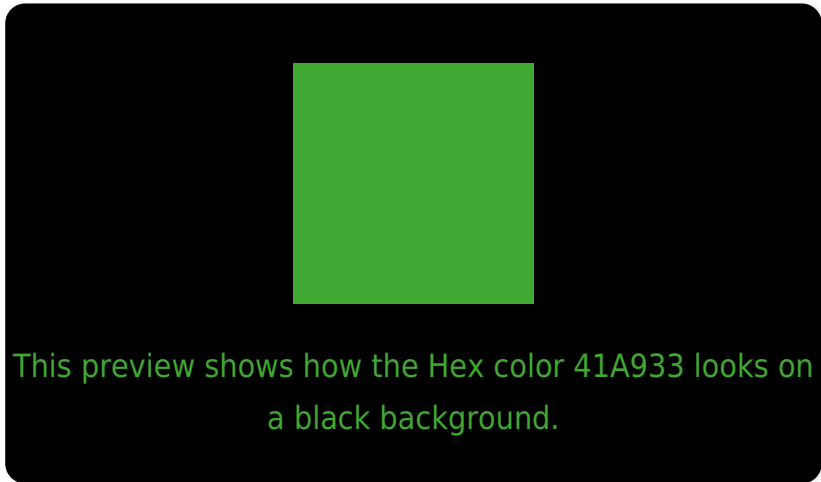
Large Text (above 18pt) WCAG AA ✓ Pass

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

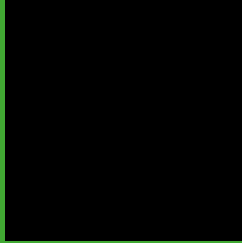
Any Text WCAG AA ✓ Pass

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 41A933 Background



This preview shows how black text looks on a background with the Hex color 41A933.



This preview shows how white text looks on a background with the Hex color 41A933.

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](#).

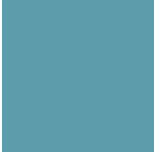
Dichromacy



Original Color
41A933

Protanopia
A5942D

Deuteranopia
B78C3D



Tritanopia
5C9EAB

Trichromacy



Original Color
41A933



Protanomaly
819C2F



Deuteranomaly
8C9739



Tritanomaly
52A27F

Monochromacy



Original Color
41A933



Achromatopsia
7C7C7C



Achromatomaly
678C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 41A933 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 #41A933 looks like.

```
.text, #text, p{  
    color:#41A933  
}
```

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 #41A933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A933
}
```

Border

The CSS property to change the border of an element to Hex 41A933 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
#41A933 }
```

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

```
.border{ border-color:#41A933 }
```

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

Here you see how a box with a 4 pixel #41A933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A933; -webkit-box-shadow:4px 4px  
4px 4px #41A933; box-shadow:4px 4px 4px  
4px #41A933 }
```

Background

The CSS property to change the background color of an element to Hex 41A933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A933 }
```

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

```
.background{ background-color:#41A933 }
```

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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