

Converting Colors

Hex(41A400)

Have a look what the booklet for
Hex(41A400) contains.

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Color

Hex(41A400)

Conversions

Conversions Part 1

Format	Color
Hex	41A400
RGB	65, 164, 0
RGB Percent	25%, 64%, 0%
CMY	0.7451, 0.3569, 1.0000
CMYK	0.60, 0.00, 1.00, 0.36
HSL	96°, 100%, 32%
HSV	96°, 100%, 64%
XYZ	15.4554, 27.6747, 4.5272
YIQ	115.7030, -6.3600, -71.9920

Conversions

Conversions Part 2

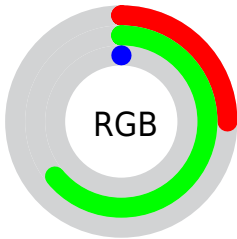
Format	Color
RYB	0, 164, 99
Decimal	4301824
CIELab	59.59, -52.93, 61.05
CIELCh	60, 80.796, 130.925
Yxy	27.6747, 0.3243, 0.5807
Android (android.graphics.Color)	4282491904 (0xFF41A400)
YUV	115.7030, -57.0416, -44.4665
Hunter-Lab	52.6068, -39.6201, 31.7224

Details

The Hex color **41A400** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6300A4**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7DDC49**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **41A400**, and if you desaturate by 10%, it is **4BA410**.

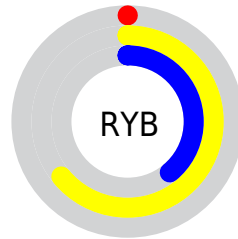
Distribution



Red (25%)

Green (64%)

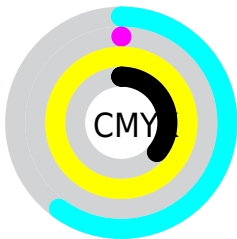
Blue (0%)



Red (0%)

Yellow (64%)

Blue (39%)

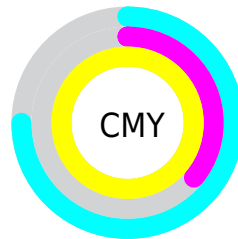


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (75%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A400 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 41A400 by changing the saturation by 10% instead.

 41A400

 41A400

FFFFFF

 1C8900

 7DDC49

 006F00

 9AF964

 005600

 B7FF80

 003D00

 D5FF9C

 002700

 F3FFB8

 000000

 FFFFD5

 FFFFF2

 41A400

 4BA410

 55A421

 5FA431

 69A442

 73A452

 7CA462

 86A473

 90A483

 9AA494

Harmonies

Analogous

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



969500



41A400



00AC5E

Triad

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



41A400



00A4FF



FF3779

Complementary

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



41A400



6300A4

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.



F546C0



41A400



0090FF

Square

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



41A400



00ADEC



B16FFC



FC5734

Rectangle

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



41A400



00AE90



B16FFC



FF3591

Sweetspot

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



41A400



AFD696



A46200



546B45



EBEBEB



6B6B6B

Same Dimension

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



41A400



55D600



00A410



4D5249



3A9100



071200

Inverse Universe

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



6300A4



8100D6



A40094



4E4952



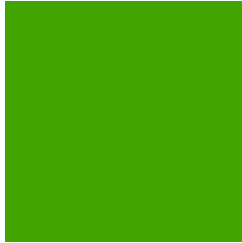
580091



0B0012

Previews

White Background



This preview shows how the Hex color 41A400 looks on a white background.

Color Contrast Check

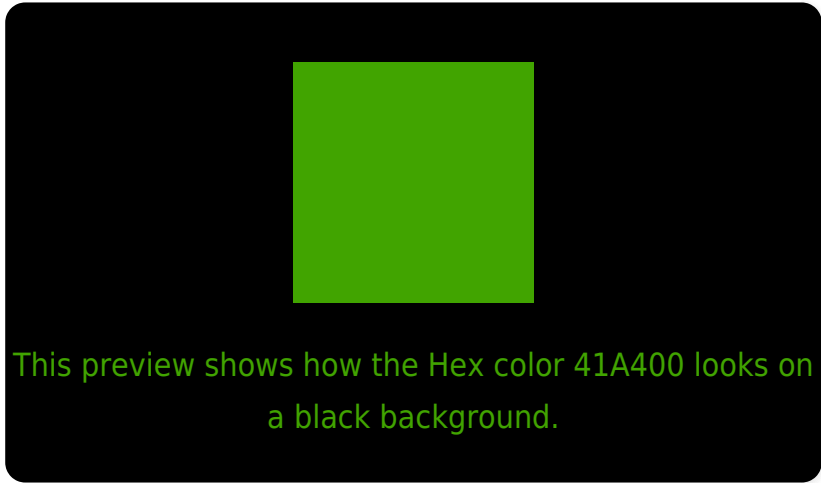
Large Text (above 18pt) WCAG AA ✓ Pass

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 41A400 Background



This preview shows how black text looks on a background with the Hex color 41A400.

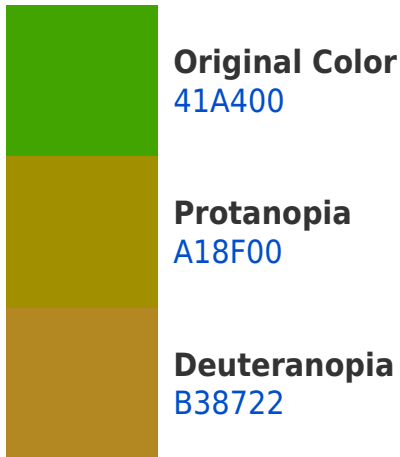


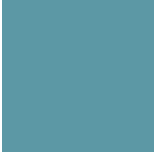
This preview shows how white text looks on a background with the Hex color 41A400.

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





Tritanopia
5C98A5

Trichromacy



Original Color
41A400



Protanomaly
7E9700



Deuteranomaly
8A9216



Tritanomaly
529C69

Monochromacy



Original Color
41A400



Achromatopsia
747474



Achromatomaly
61854A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41A400 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 #41A400 looks like.

```
.text, #text, p{  
    color:#41A400  
}
```

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 #41A400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A400
}
```

Border

The CSS property to change the border of an element to Hex 41A400 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
#41A400 }
```

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

```
.border{ border-color:#41A400 }
```

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

Here you see how a box with a 4 pixel #41A400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A400; -webkit-box-shadow:4px 4px  
4px 4px #41A400; box-shadow:4px 4px 4px  
4px #41A400 }
```

Background

The CSS property to change the background color of an element to Hex 41A400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A400 }
```

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

```
.background{ background-color:#41A400 }
```

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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