

Converting Colors

Hex(41A047)

Have a look what the booklet for
Hex(41A047) contains.

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Color

Hex(41A047)

Conversions

Conversions Part 1

Format	Color
Hex	41A047
RGB	65, 160, 71
RGB Percent	25%, 63%, 28%
CMY	0.7451, 0.3725, 0.7216
CMYK	0.59, 0.00, 0.56, 0.37
HSL	124°, 42%, 44%
HSV	124°, 59%, 63%
XYZ	15.8881, 26.7204, 10.2814
YIQ	121.4490, -28.0510, -47.8190

Conversions

Conversions Part 2

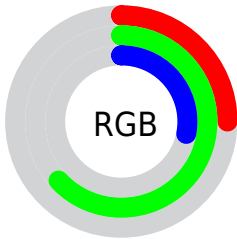
Format	Color
RYB	65, 154, 160
Decimal	4300871
CIELab	58.71, -46.61, 37.74
CIElCh	59, 59.979, 141.002
Yxy	26.7204, 0.3004, 0.5052
Android (android.graphics.Color)	4282490951 (0xFF41A047)
YUV	121.4490, -24.8714, -49.5058
Hunter-Lab	51.6917, -35.5963, 24.3915

Details

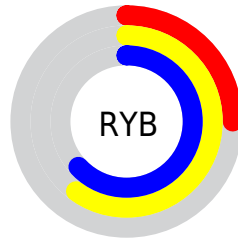
The Hex color **41A047** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A0419A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7AD87A**, and **006B15** is the 20% darker color. If you saturate the color by 10%, you get **31A038**, and if you desaturate by 10%, it is **51A056**.

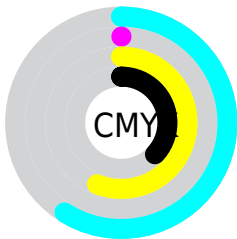
Distribution



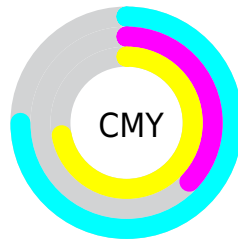
- Red (25%)
- Green (63%)
- Blue (28%)



- Red (25%)
- Yellow (60%)
- Blue (63%)



- Cyan (59%)
- Magenta (0%)
- Yellow (56%)
- Black (37%)



- Cyan (75%)
- Magenta (37%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A047 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 41A047 by changing the saturation by 10% instead.

 41A047

 41A047

FFFFFF

 20852E

 7AD87A

 006B15

 96F494

 005200

 B3FFAF

 003A00

 D0FFCB

 002500

 EDFFE8

 000000

 41A047

 41A047

 31A038

 51A056

 21A029

 61A065

■ 11A01A

■ 71A074

■ 01A00B

■ 81A083

■ 00A00A

■ 91A092

■ A1A0A1

■ B1A0B0

■ C1A0BF

■ D1A0CE

Harmonies

Analogous

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



84961D



41A047



00A57B

Triad

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



41A047



0098F5



EC5D6B

Complementary

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



41A047



A0419A

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.



E45C9F



41A047



6F86F0

Square

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



41A047



00A2DE



BD6FD0



DA703C

Rectangle

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



41A047



00A6A0



BD6FD0



EC5A7C

Sweetspot

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



41A047



ABD1AE



9BA041



526953



E8E8E8



696969

Same Dimension

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



41A047



3DD146



41A075



474F48



008F09



000F01

Inverse Universe

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



A0419A



D13DC8



A0416C



4F474F



8F0086



0F000E

Previews

White Background



This preview shows how the Hex color 41A047 looks on a white background.

Color Contrast Check

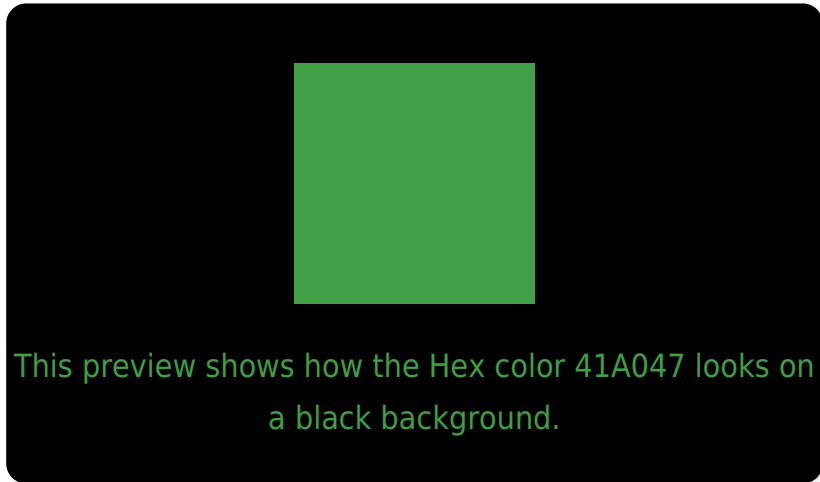
Large Text (above 18pt) WCAG AA ✓ Pass

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

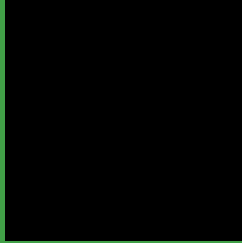
Any Text WCAG AA ✓ Pass

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 41A047 Background



This preview shows how black text looks on a background with the Hex color 41A047.



This preview shows how white text looks on a background with the Hex color 41A047.

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
41A047

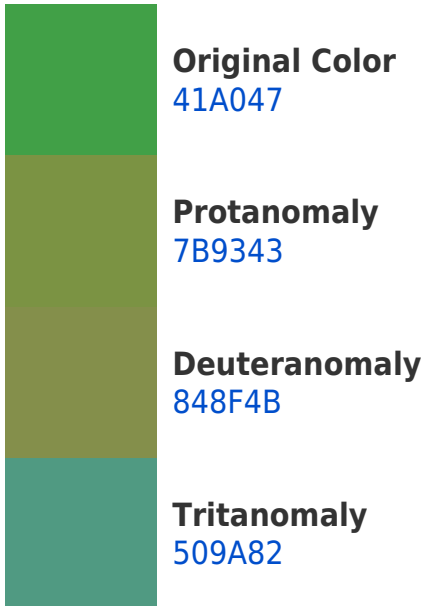
Protanopia
9C8C41

Deuteranopia
AB864E



Tritanopia
5896A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41A047 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 #41A047 looks like.

```
.text, #text, p{  
    color:#41A047  
}
```

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 #41A047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A047
}
```

Border

The CSS property to change the border of an element to Hex 41A047 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
#41A047 }
```

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

```
.border{ border-color:#41A047 }
```

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

Here you see how a box with a 4 pixel #41A047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A047; -webkit-box-shadow:4px 4px  
4px 4px #41A047; box-shadow:4px 4px 4px  
4px #41A047 }
```

Background

The CSS property to change the background color of an element to Hex 41A047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A047 }
```

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

```
.background{ background-color:#41A047 }
```

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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