

Converting Colors

Hex(40A431)

Have a look what the booklet for
Hex(40A431) contains.

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Color

Hex(40A431)

Conversions

Conversions Part 1

Format	Color
Hex	40A431
RGB	64, 164, 49
RGB Percent	25%, 64%, 19%
CMY	0.7490, 0.3569, 0.8078
CMYK	0.61, 0.00, 0.70, 0.36
HSL	112°, 54%, 42%
HSV	112°, 70%, 64%
XYZ	15.9442, 27.8627, 7.4434
YIQ	120.9900, -22.6850, -56.9650

Conversions

Conversions Part 2

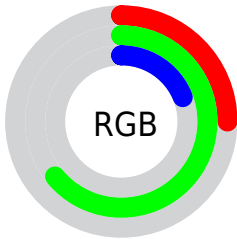
Format	Color
R_{YB}	49, 164, 149
Decimal	4236337
CIE _{Lab}	59.76, -50.82, 48.85
CIE _{LCh}	60, 70.488, 136.129
Yxy	27.8627, 0.3111, 0.5437
Android (android.graphics.Color)	4282426417 (0xFF40A431)
YUV	120.9900, -35.4911, -49.9802
Hunter-Lab	52.7851, -38.4565, 28.5889

Details

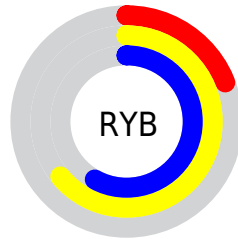
The Hex color **40A431** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9531A4**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7BDC65**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **32A421**, and if you desaturate by 10%, it is **4EA441**.

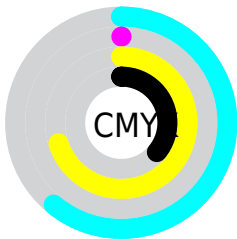
Distribution



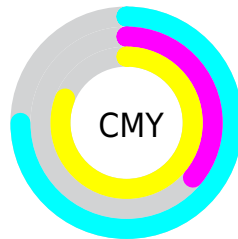
- Red (25%)
- Green (64%)
- Blue (19%)



- Red (19%)
- Yellow (64%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (70%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A431 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 40A431 by changing the saturation by 10% instead.



40A431



40A431

FFFFFF



1C8914



7BDC65



006F00



97F980



005600



B4FF9B



003D00



D1FFB7



002700



EFFFD3



000000



FFFFF0



40A431



40A431



32A421



4EA441

 23A410

 5DA452

 15A400

 6BA462

 79A473

 87A483

 96A493

 A4A4A4

 B2A4B4

 C0A4C5

Harmonies

Analogous

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



8D9700



40A431



00AA70

Triad

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



40A431



009FFF



FE4F71

Complementary

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



40A431



9531A4

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.



F053AF



40A431



488CFF

Square

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



40A431



00A9E9



BC6FE7



EC6737

Rectangle

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



40A431



00AC9B



BC6FE7



FD4D86

Sweetspot

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



40A431



AFD6A9



A49531



546B50



EBEBEB



6B6B6B

Same Dimension

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



40A431



3AD622



31A45B



4B5249



139100



021200

Inverse Universe

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



9531A4



BF22D6



A4317A



514952



7E0091



100012

Previews

White Background



This preview shows how the Hex color 40A431 looks on a white background.

Color Contrast Check

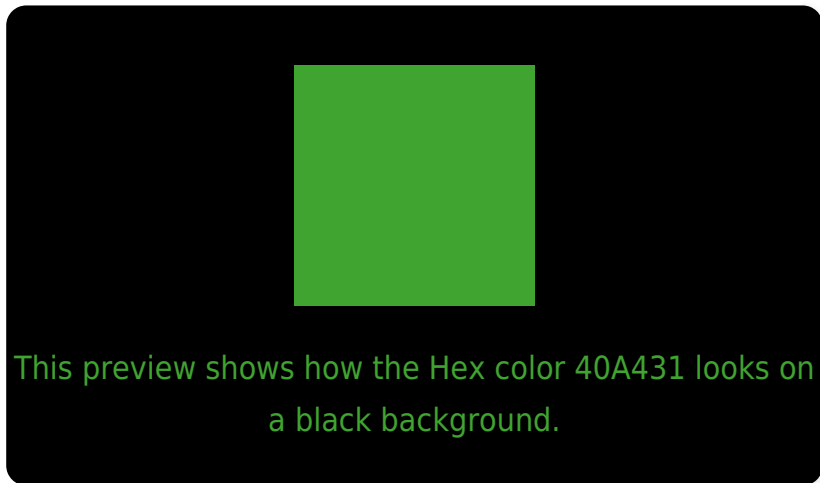
Large Text (above 18pt) WCAG AA ✓ Pass

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

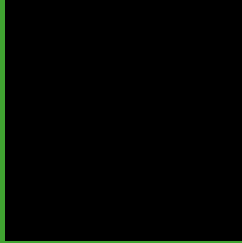
Any Text WCAG AA ✓ Pass

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 40A431 Background



This preview shows how black text looks on a background with the Hex color 40A431.



This preview shows how white text looks on a background with the Hex color 40A431.

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
40A431

Protanopia
A08F2C

Deuteranopia
B2883B



Tritanopia
5A99A6

Trichromacy



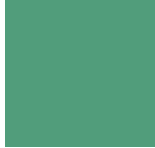
Original Color
40A431



Protanomaly
7D972E



Deuteranomaly
899237



Tritanomaly
519D7B

Monochromacy



Original Color
40A431



Achromatopsia
797979



Achromatomaly
64895F

CSS Examples

Text

The CSS property to change the color of the text to Hex 40A431 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 #40A431 looks like.

```
.text, #text, p{  
    color:#40A431  
}
```

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 #40A431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A431
}
```

Border

The CSS property to change the border of an element to Hex 40A431 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
#40A431 }
```

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

```
.border{ border-color:#40A431 }
```

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

Here you see how a box with a 4 pixel #40A431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A431; -webkit-box-shadow:4px 4px  
4px 4px #40A431; box-shadow:4px 4px 4px  
4px #40A431 }
```

Background

The CSS property to change the background color of an element to Hex 40A431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A431 }
```

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

```
.background{ background-color:#40A431 }
```

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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