

Converting Colors

Hex(40DA21)

Have a look what the booklet for
Hex(40DA21) contains.

Hex(40DA21)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40DA21)

Conversions

Conversions Part 1

Format	Color
Hex	40DA21
RGB	64, 218, 33
RGB Percent	25%, 85%, 13%
CMY	0.7490, 0.1451, 0.8706
CMYK	0.71, 0.00, 0.85, 0.15
HSL	110°, 74%, 49%
HSV	110°, 85%, 85%
XYZ	27.4603, 51.3426, 9.9017
YIQ	150.8640, -32.3990, -90.1830

Conversions

Conversions Part 2

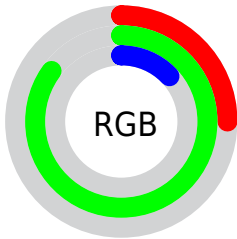
Format	Color
RYB	33, 218, 187
Decimal	4250145
CIELab	76.89, -69.83, 70.21
CIELCh	77, 99.023, 134.845
Yxy	51.3426, 0.3096, 0.5788
Android (android.graphics.Color)	4282440225 (0xFF40DA21)
YUV	150.8640, -58.1070, -76.1797
Hunter-Lab	71.6538, -56.9865, 41.9645

Details

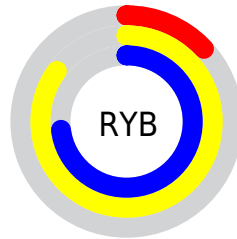
The Hex color **40DA21** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BB21DA**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **85FF61**, and **00A100** is the 20% darker color. If you saturate the color by 10%, you get **2EDA0B**, and if you desaturate by 10%, it is **52DA37**.

Distribution



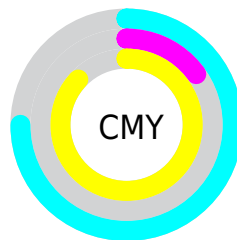
- Red (25%)
- Green (85%)
- Blue (13%)



- Red (13%)
- Yellow (85%)
- Blue (73%)



- Cyan (71%)
- Magenta (0%)
- Yellow (85%)
- Black (15%)



- Cyan (75%)
- Magenta (15%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40DA21 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 40DA21 by changing the saturation by 10% instead.

 40DA21

 40DA21

FFFFFF

 00BD00

 85FF61

 00A100

 A5FF7E

 008600

 C4FF9A

 006C00

 E3FFB7

 005200

 FFFFD4

 003A00

 FFFFF2

 002000

 000000

 40DA21

 40DA21

 2EDA0B

 52DA37

 25DA00

 64DA4D

 76DA62

 89DA78

 9BDA8E

 ADDAA4

 BFDABA

 D1DACF

 E3DAE5

Harmonies

Analogous

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



BAC800



40DA21



00E38A

Triad

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



40DA21



00D6FF



FF4F95

Complementary

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



40DA21



BB21DA

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.



FF59F0



40DA21



00BAFF

Square

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



40DA21



00E3FF



F88DFF



FF7B3C

Rectangle

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



40DA21



00E6CB



F88DFF



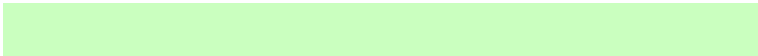
FF49B3

Sweetspot

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



40DA21



CAFFBF



DAB821



608059



000000



808080

Same Dimension

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



40DA21



2BFF00



21DA5C



656E63



1DAD00



082E00

Inverse Universe

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



BB21DA



D400FF



DA219F



6C636E



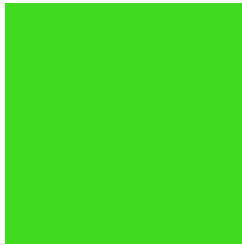
9000AD



26002E

Previews

White Background



This preview shows how the Hex color 40DA21 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 40DA21 looks on a 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 ✓ Pass

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

Hex 40DA21 Background



This preview shows how black text looks on a background with the Hex color 40DA21.



This preview shows how white text looks on a background with the Hex color 40DA21.

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](#).

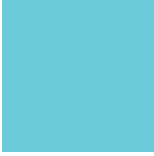
Dichromacy



Original Color
40DA21

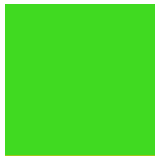
Protanopia
D4BD18

Deuteranopia
ECB338



Tritanopia
6CCBDB

Trichromacy



Original Color
40DA21



Protanomaly
9EC81B



Deuteranomaly
ADC130



Tritanomaly
5CD097

Monochromacy



Original Color
40DA21



Achromatopsia
979797



Achromatomaly
77AF6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 40DA21 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 #40DA21 looks like.

```
.text, #text, p{  
    color:#40DA21  
}
```

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 #40DA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40DA21
}
```

Border

The CSS property to change the border of an element to Hex 40DA21 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
#40DA21 }
```

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

```
.border{ border-color:#40DA21 }
```

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

Here you see how a box with a 4 pixel #40DA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40DA21; -webkit-box-shadow:4px 4px  
4px 4px #40DA21; box-shadow:4px 4px 4px  
4px #40DA21 }
```

Background

The CSS property to change the background color of an element to Hex 40DA21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40DA21 }
```

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

```
.background{ background-color:#40DA21 }
```

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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