

Converting Colors

Hex(40AB26)

Have a look what the booklet for
Hex(40AB26) contains.

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Color

Hex(40AB26)

Conversions

Conversions Part 1

Format	Color
Hex	40AB26
RGB	64, 171, 38
RGB Percent	25%, 67%, 15%
CMY	0.7490, 0.3294, 0.8510
CMYK	0.63, 0.00, 0.78, 0.33
HSL	108°, 64%, 41%
HSV	108°, 78%, 67%
XYZ	17.0271, 30.3557, 6.7955
YIQ	123.8450, -21.0790, -64.0470

Conversions

Conversions Part 2

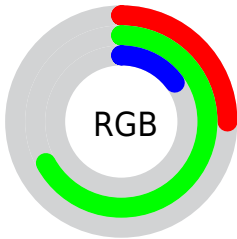
Format	Color
RYB	38, 171, 145
Decimal	4238118
CIELab	61.96, -54.17, 55.08
CIELCh	62, 77.256, 134.523
Yxy	30.3557, 0.3143, 0.5603
Android (android.graphics.Color)	4282428198 (0xFF40AB26)
YUV	123.8450, -42.3216, -52.4841
Hunter-Lab	55.0961, -41.2537, 31.2544

Details

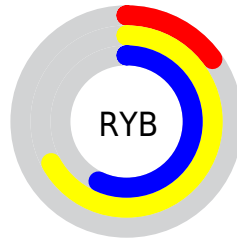
The Hex color **40AB26** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9126AB**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7CE35D**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **32AB15**, and if you desaturate by 10%, it is **4EAB37**.

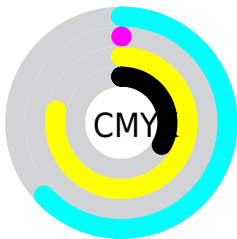
Distribution



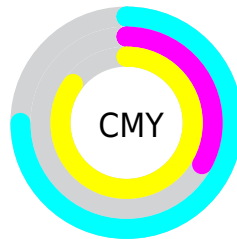
- Red (25%)
- Green (67%)
- Blue (15%)



- Red (15%)
- Yellow (67%)
- Blue (57%)



- Cyan (63%)
- Magenta (0%)
- Yellow (78%)
- Black (33%)



- Cyan (75%)
- Magenta (33%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40AB26 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 40AB26 by changing the saturation by 10% instead.

 40AB26

 40AB26


FFFFFF

 199000

 7CE35D

 007500

 9AFF78

 005C00

 B7FF94

 004300

 D4FFAF

 002D00

 F2FFCC

 000D00

 FFFFE9

 000000

 40AB26

 40AB26

 32AB15

 4EAB37

 24AB04

 5CAB48

 21AB00

 69AB59

 77AB6A

 85AB7B

 93AB8D

 A0AB9E

 AEABAF

 BCABC0

Harmonies

Analogous

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



959D00



40AB26



00B26F

Triad

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



40AB26



00A8FF



FF4978

Complementary

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



40AB26



9126AB

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.



FD50BC



40AB26



2593FF

Square

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



40AB26



00B2F5



C173F8



FC6637

Rectangle

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



40AB26



00B49F



C173F8



FF478E

Sweetspot

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



40AB26



B5DEAB



AB9026



577051



F0F0F0



707070

Same Dimension

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



40AB26



38DE10



26AB4E



50574E



1D9600



041700

Inverse Universe

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



9126AB



B610DE



AB2683



554E57



790096



120017

Previews

White Background



This preview shows how the Hex color 40AB26 looks on a white background.

Color Contrast Check

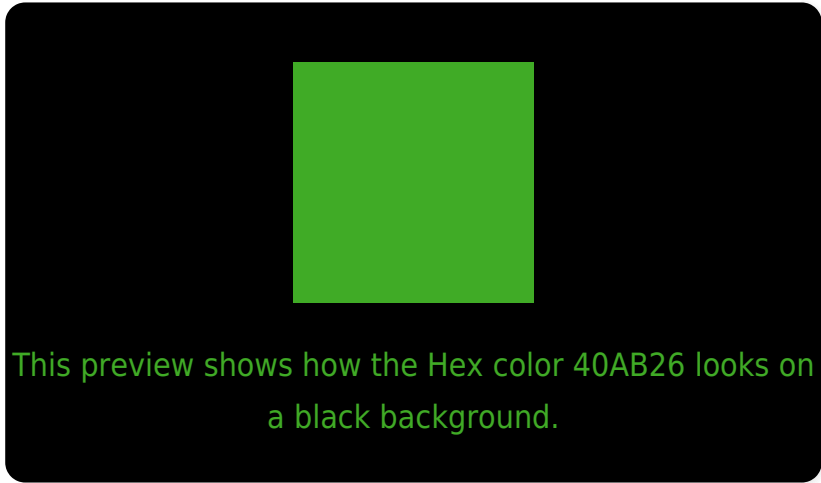
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

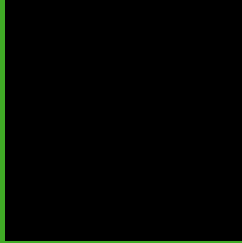
Any Text WCAG AA ✓ Pass

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 40AB26 Background



This preview shows how black text looks on a background with the Hex color 40AB26.



This preview shows how white text looks on a background with the Hex color 40AB26.

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](#).

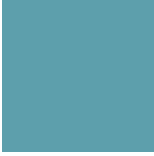
Dichromacy



Original Color
40AB26

Protanopia
A79520

Deuteranopia
BA8D33



Tritanopia
5D9FAC

Trichromacy



Original Color
40AB26



Protanomaly
829D22



Deuteranomaly
8E92E



Tritanomaly
52A37B

Monochromacy



Original Color
40AB26



Achromatopsia
7C7C7C



Achromatomaly
668D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 40AB26 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 #40AB26 looks like.

```
.text, #text, p{  
    color:#40AB26  
}
```

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 #40AB26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40AB26
}
```

Border

The CSS property to change the border of an element to Hex 40AB26 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
#40AB26 }
```

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

```
.border{ border-color:#40AB26 }
```

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

Here you see how a box with a 4 pixel #40AB26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40AB26; -webkit-box-shadow:4px 4px  
4px 4px #40AB26; box-shadow:4px 4px 4px  
4px #40AB26 }
```

Background

The CSS property to change the background color of an element to Hex 40AB26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40AB26 }
```

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

```
.background{ background-color:#40AB26 }
```

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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