

Converting Colors

Hex(40AD60)

Have a look what the booklet for
Hex(40AD60) contains.

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Color

Hex(40AD60)

Conversions

Conversions Part 1

Format	Color
Hex	40AD60
RGB	64, 173, 96
RGB Percent	25%, 68%, 38%
CMY	0.7490, 0.3216, 0.6235
CMYK	0.63, 0.00, 0.45, 0.32
HSL	138°, 46%, 46%
HSV	138°, 63%, 68%
XYZ	19.1692, 31.8217, 16.1982
YIQ	131.6310, -40.2470, -47.0550

Conversions

Conversions Part 2

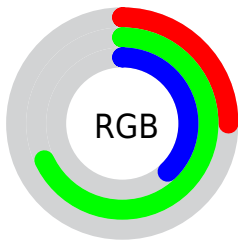
Format	Color
RYB	64, 148, 173
Decimal	4238688
CIELab	63.20, -48.14, 30.57
CIELCh	63, 57.026, 147.584
Yxy	31.8217, 0.2853, 0.4736
Android (android.graphics.Color)	4282428768 (0xFF40AD60)
YUV	131.6310, -17.5661, -59.3124
Hunter-Lab	56.4107, -38.0616, 22.4625

Details

The Hex color **40AD60** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AD408D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7BE594**, and **007730** is the 20% darker color. If you saturate the color by 10%, you get **2FAD54**, and if you desaturate by 10%, it is **51AD6C**.

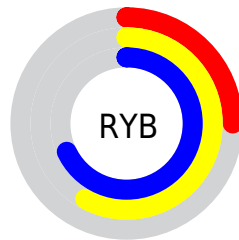
Distribution



Red (25%)

Green (68%)

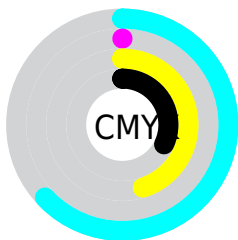
Blue (38%)



Red (25%)

Yellow (58%)

Blue (68%)

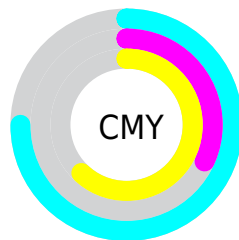


Cyan (63%)

Magenta (0%)

Yellow (45%)

Black (32%)



Cyan (75%)

Magenta (32%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40AD60 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 40AD60 by changing the saturation by 10% instead.

 40AD60

 40AD60

FFFFFF

 1C9247

 7BE594

 007730

 97FFAE

 005E18

 B4FFCA

 004500

 D1FFE6

 002E00

 EFFFFFFF

 001300

 000000

 40AD60

 40AD60

 2FAD54

 51AD6C

 1DAD48

 63AD78

 0CAD3B

 74AD85

 00AD33

 85AD91

 97AD9D

 A8ADA9

 B9ADB6

 CAADC2

 DCADCE

Harmonies

Analogous

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



86A438



40AD60



00B193

Triad

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



40AD60



00A0FE



F4706D

Complementary

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



40AD60



AD408D

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.



F26B9F



40AD60



938DF3

Square

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



40AD60



00ACEE



D378D0



DE8243

Rectangle

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



40AD60



00B2B6



D378D0



F66C7D

Sweetspot

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



40AD60



B6E0C2



8EAD40



56705E



F0F0F0



707070

Same Dimension

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



40AD60



36E068



40AD95



4E5751



00962C



001707

Inverse Universe

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



AD408D



E036AE



AD4058



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color 40AD60 looks on a white background.

Color Contrast Check

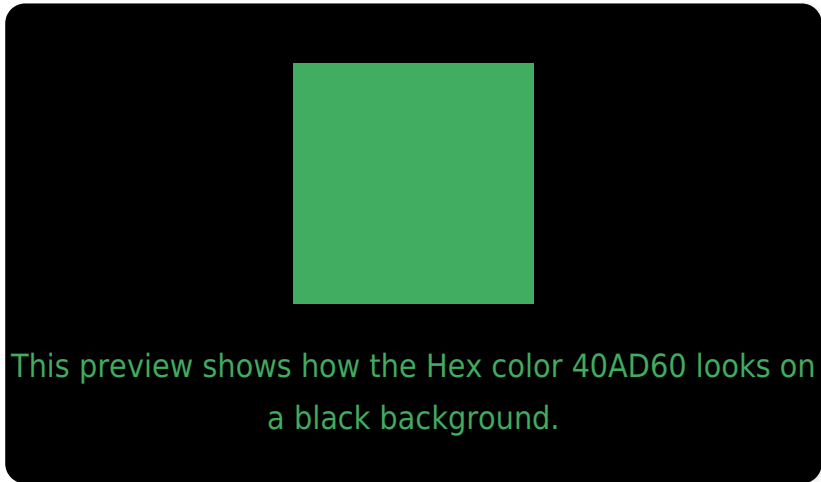
Large Text (above 18pt) WCAG AA × Fail

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

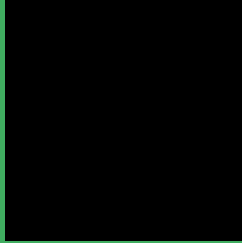
Any Text WCAG AA ✓ Pass

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 40AD60 Background



This preview shows how black text looks on a background with the Hex color 40AD60.



This preview shows how white text looks on a background with the Hex color 40AD60.

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
58A4B1

Trichromacy



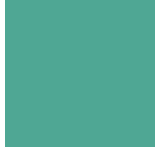
Original Color
40AD60



Protanomaly
81A05B



Deuteranomaly
8B9B64



Tritanomaly
4FA794

Monochromacy



Original Color
40AD60



Achromatopsia
848484



Achromatomaly
6B9377

CSS Examples

Text

The CSS property to change the color of the text to Hex 40AD60 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 #40AD60 looks like.

```
.text, #text, p{  
    color:#40AD60  
}
```

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 #40AD60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40AD60
}
```

Border

The CSS property to change the border of an element to Hex 40AD60 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
#40AD60 }
```

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

```
.border{ border-color:#40AD60 }
```

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

Here you see how a box with a 4 pixel #40AD60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40AD60; -webkit-box-shadow:4px 4px  
4px 4px #40AD60; box-shadow:4px 4px 4px  
4px #40AD60 }
```

Background

The CSS property to change the background color of an element to Hex 40AD60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40AD60 }
```

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

```
.background{ background-color:#40AD60 }
```

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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