

Converting Colors

Hex(40E060)

Have a look what the booklet for
Hex(40E060) contains.

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Color

Hex(40E060)

Conversions

Conversions Part 1

Format	Color
Hex	40E060
RGB	64, 224, 96
RGB Percent	25%, 88%, 38%
CMY	0.7490, 0.1216, 0.6235
CMYK	0.71, 0.00, 0.57, 0.12
HSL	132°, 72%, 56%
HSV	132°, 71%, 88%
XYZ	30.8813, 55.2458, 20.1022
YIQ	161.5680, -54.2720, -73.7280

Conversions

Conversions Part 2

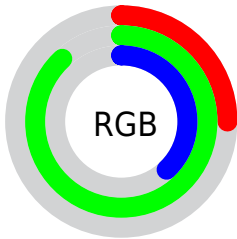
Format	Color
RYB	64, 197, 224
Decimal	4251744
CIELab	79.18, -66.54, 50.23
CIELCh	79, 83.364, 142.952
Yxy	55.2458, 0.2907, 0.5201
Android (android.graphics.Color)	4282441824 (0xFF40E060)
YUV	161.5680, -32.3250, -85.5671
Hunter-Lab	74.3275, -55.9107, 35.9940

Details

The Hex color **40E060** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted spring green. A complement of this color would be **E040C0**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **84FF96**, and **00A72B** is the 20% darker color. If you saturate the color by 10%, you get **2AE04E**, and if you desaturate by 10%, it is **56E072**.

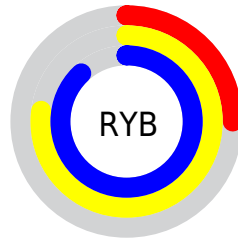
Distribution



Red (25%)

Green (88%)

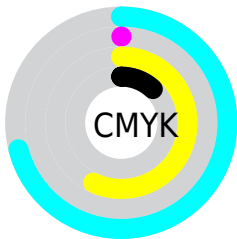
Blue (38%)



Red (25%)

Yellow (77%)

Blue (88%)

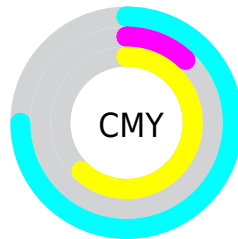


Cyan (71%)

Magenta (0%)

Yellow (57%)

Black (12%)



Cyan (75%)

Magenta (12%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40E060 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 40E060 by changing the saturation by 10% instead.

 40E060

 40E060

FFFFFF

 00C346

 84FF96

 00A72B

 A3FFB1

 008C08

 C2FFCE

 007100

 E1FFEA

 005700

 003E00

 002600

 000000

 40E060

 40E060

 2AE04E

 56E072

 13E03C

 6DE084

 00E02D

 83E096

 9AE0A8

 B0E0BA

 C6E0CC

 DDE0DD

 F3E0EF

 FFE0FF

Harmonies

Analogous

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



B0D212



40E060



00E7AF

Triad

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



40E060



00D3FF



FF7B8C

Complementary

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



40E060



E040C0

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.



FF77DA



40E060



9EB7FF

Square

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



40E060



00E2FF



FF93FF



FF9A47

Rectangle

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



40E060



00E8E5



FF93FF



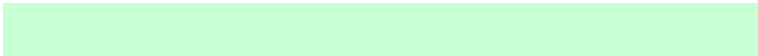
FF75A6

Sweetspot

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



40E060



C9FFD4



C0E040



608066



000000



808080

Same Dimension

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



40E060



24FF50



40E0B0



657067



00B023



00300A

Inverse Universe

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



E040C0



FF24D3



E04070



70656E



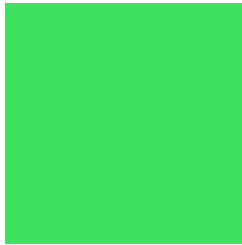
B0008D



300027

Previews

White Background



This preview shows how the Hex color 40E060 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 40E060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

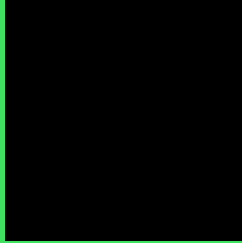
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

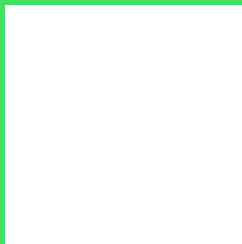
Any Text WCAG AAA ✓ Pass

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

Hex 40E060 Background



This preview shows how black text looks on a background with the Hex color 40E060.

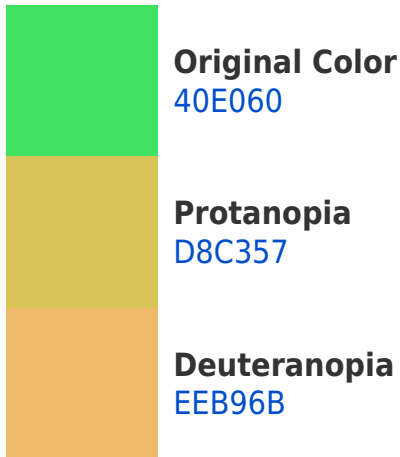


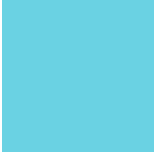
This preview shows how white text looks on a background with the Hex color 40E060.

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](#).

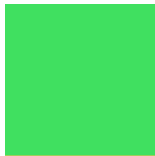
Dichromacy





Tritanopia
6AD2E3

Trichromacy



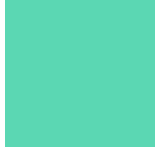
Original Color
40E060



Protanomaly
A1CE5A



Deuteranomaly
AFC767



Tritanomaly
5BD7B3

Monochromacy



Original Color
40E060



Achromatopsia
A2A2A2



Achromatomaly
7EB98A

CSS Examples

Text

The CSS property to change the color of the text to Hex 40E060 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 #40E060 looks like.

```
.text, #text, p{  
    color:#40E060  
}
```

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 #40E060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40E060
}
```

Border

The CSS property to change the border of an element to Hex 40E060 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
#40E060 }
```

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

```
.border{ border-color:#40E060 }
```

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

Here you see how a box with a 4 pixel #40E060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40E060; -webkit-box-shadow:4px 4px  
4px 4px #40E060; box-shadow:4px 4px 4px  
4px #40E060 }
```

Background

The CSS property to change the background color of an element to Hex 40E060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40E060 }
```

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

```
.background{ background-color:#40E060 }
```

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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