

Converting Colors

Hex(40A244)

Have a look what the booklet for
Hex(40A244) contains.

Hex(40A244)	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(40A244)

Conversions

Conversions Part 1

Format	Color
Hex	40A244
RGB	64, 162, 68
RGB Percent	25%, 64%, 27%
CMY	0.7490, 0.3647, 0.7333
CMYK	0.60, 0.00, 0.58, 0.36
HSL	122°, 43%, 44%
HSV	122°, 60%, 64%
XYZ	16.0781, 27.3480, 9.9001
YIQ	121.9820, -28.2340, -50.0100

Conversions

Conversions Part 2

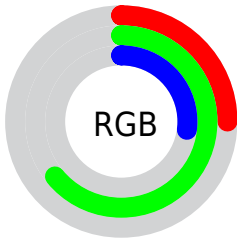
Format	Color
RYB	64, 158, 162
Decimal	4235844
CIELab	59.30, -48.02, 39.89
CIElCh	59, 62.426, 140.288
Yxy	27.3480, 0.3015, 0.5128
Android (android.graphics.Color)	4282425924 (0xFF40A244)
YUV	121.9820, -26.6131, -50.8502
Hunter-Lab	52.2953, -36.6374, 25.3824

Details

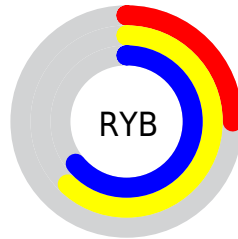
The Hex color **40A244** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A2409E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7ADA77**, and **006D10** is the 20% darker color. If you saturate the color by 10%, you get **30A234**, and if you desaturate by 10%, it is **50A254**.

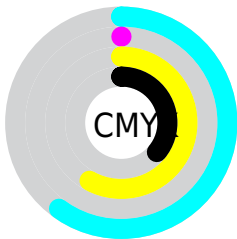
Distribution



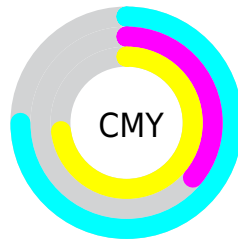
- Red (25%)
- Green (64%)
- Blue (27%)



- Red (25%)
- Yellow (62%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (58%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A244 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 40A244 by changing the saturation by 10% instead.



40A244



40A244

FFFFFF



1E872B



7ADA77



006D10



96F791



005400



B2FFAC



003C00



D0FFC8



002600



EDFFE5



000000



40A244



40A244



30A234



50A254



20A225



60A263

 0FA215

 71A273

 00A207

 81A282

 91A292

 A1A2A1

 B1A2B1

 C2A2C0

 D2A2D0

Harmonies

Analogous

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



869716



40A244



00A77A

Triad

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



40A244



009AFB



F15C6C

Complementary

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



40A244



A2409E

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.



E85BA3



40A244



6B88F6

Square

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



40A244



00A5E2



BF6FD6



DF6F3B

Rectangle

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



40A244



00A9A1



BF6FD6



F1597E

Sweetspot

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



40A244



AED4AF



9FA240



546B54



EBEBEB



6B6B6B

Same Dimension

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



40A244



39D43F



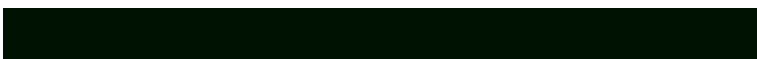
40A274



49524A



009106



001201

Inverse Universe

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



A2409E



D439CD



A2406E



524951



91008B



120011

Previews

White Background



This preview shows how the Hex color 40A244 looks on a white background.

Color Contrast Check

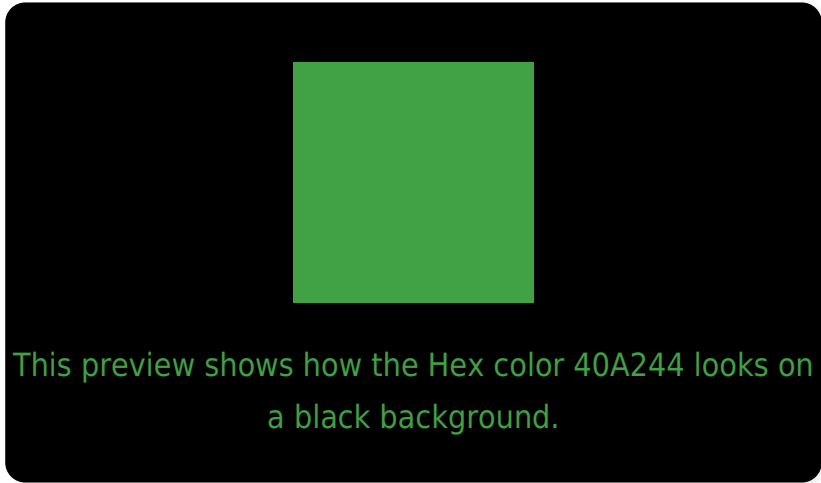
Large Text (above 18pt) WCAG AA ✓ Pass

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 40A244 Background



This preview shows how black text looks on a background with the Hex color 40A244.



This preview shows how white text looks on a background with the Hex color 40A244.

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
5898A4

Trichromacy



Original Color
40A244



Protanomaly
7C9540



Deuteranomaly
869148



Tritanomaly
4F9C81

Monochromacy



Original Color
40A244



Achromatopsia
7A7A7A



Achromatomaly
658966

CSS Examples

Text

The CSS property to change the color of the text to Hex 40A244 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 #40A244 looks like.

```
.text, #text, p{  
    color:#40A244  
}
```

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 #40A244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A244
}
```

Border

The CSS property to change the border of an element to Hex 40A244 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
#40A244 }
```

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

```
.border{ border-color:#40A244 }
```

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

Here you see how a box with a 4 pixel #40A244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A244; -webkit-box-shadow:4px 4px  
4px 4px #40A244; box-shadow:4px 4px 4px  
4px #40A244 }
```

Background

The CSS property to change the background color of an element to Hex 40A244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A244 }
```

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

```
.background{ background-color:#40A244 }
```

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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