

Converting Colors

Hex(30A744)

Have a look what the booklet for
Hex(30A744) contains.

Hex(30A744)	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(30A744)

Conversions

Conversions Part 1

Format	Color
Hex	30A744
RGB	48, 167, 68
RGB Percent	19%, 65%, 27%
CMY	0.8118, 0.3451, 0.7333
CMYK	0.71, 0.00, 0.59, 0.35
HSL	130°, 55%, 42%
HSV	130°, 71%, 65%
XYZ	16.0810, 28.6832, 10.1577
YIQ	120.1330, -39.1450, -56.0170

Conversions

Conversions Part 2

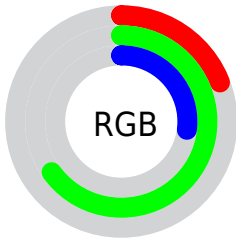
Format	Color
RYB	48, 150, 167
Decimal	3188548
CIELab	60.50, -53.20, 41.19
CIELCh	61, 67.285, 142.252
Yxy	28.6832, 0.2928, 0.5223
Android (android.graphics.Color)	4281378628 (0xFF30A744)
YUV	120.1330, -25.7016, -63.2606
Hunter-Lab	53.5567, -40.1274, 26.2446

Details

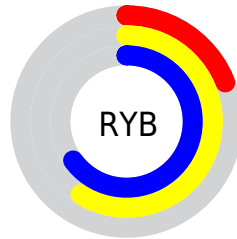
The Hex color **30A744** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A73093**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6FDF77**, and **00720F** is the 20% darker color. If you saturate the color by 10%, you get **1FA736**, and if you desaturate by 10%, it is **41A752**.

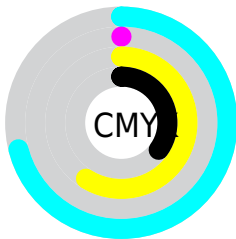
Distribution



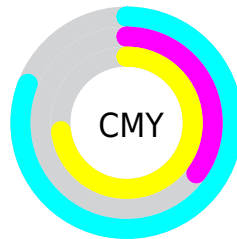
- Red (19%)
- Green (65%)
- Blue (27%)



- Red (19%)
- Yellow (59%)
- Blue (65%)



- Cyan (71%)
- Magenta (0%)
- Yellow (59%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A744 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 30A744 by changing the saturation by 10% instead.

 30A744

 30A744

FFFFFF

 008C2B

 6FDF77

 00720F

 8CFC92

 005800

 A9FFAD

 003F00

 C6FFC9

 002900

 E4FFE5

 000300

 000000

 30A744

 30A744

 1FA736

 41A752

0FA728

51A760

00A71C

62A76E

73A77C

84A789

94A797

A5A7A5

B6A7B3

C6A7C1

Harmonies

Analogous

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



849C06



30A744



00AC80

Triad

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



30A744



009DFF



FB5969

Complementary

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



30A744



A73093

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.



F457A4



30A744



7289FF

Square

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



30A744



00A9EF



CA6DDB



E57133

Rectangle

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



30A744



00ADA9



CA6DDB



FC557C

Sweetspot

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



30A744



ABD9B3



93A730



526E57



EDEDED



6E6E6E

Same Dimension

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



30A744



1ED93E



30A77F



4C544D



009419



001403

Inverse Universe

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



A73093



D91EB9



A73058



544C53



94007B



140011

Previews

White Background



This preview shows how the Hex color 30A744 looks on a white background.

Color Contrast Check

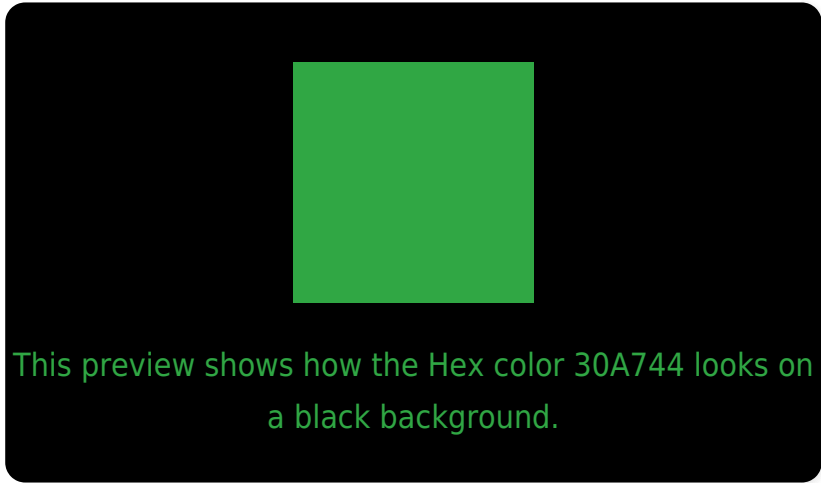
Large Text (above 18pt) WCAG AA ✓ Pass

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 30A744 Background



This preview shows how black text looks on a background with the Hex color 30A744.

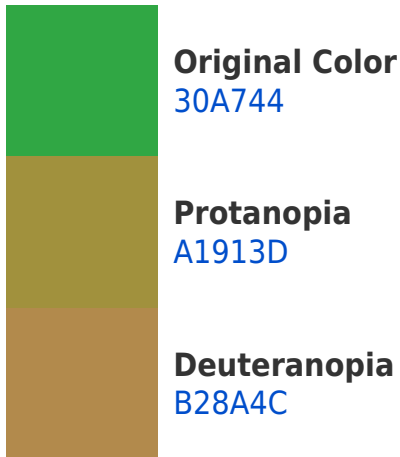


This preview shows how white text looks on a background with the Hex color 30A744.

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
4F9DA9

Trichromacy



Original Color

30A744



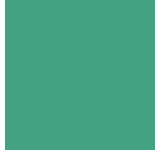
Protanomaly

789940



Deuteranomaly

839549



Tritanomaly

44A184

Monochromacy



Original Color

30A744



Achromatopsia

787878



Achromatomaly

5E8965

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A744 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 #30A744 looks like.

```
.text, #text, p{  
    color:#30A744  
}
```

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 #30A744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A744
}
```

Border

The CSS property to change the border of an element to Hex 30A744 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
#30A744 }
```

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

```
.border{ border-color:#30A744 }
```

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

Here you see how a box with a 4 pixel #30A744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A744; -webkit-box-shadow:4px 4px  
4px 4px #30A744; box-shadow:4px 4px 4px  
4px #30A744 }
```

Background

The CSS property to change the background color of an element to Hex 30A744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A744 }
```

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

```
.background{ background-color:#30A744 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor