

# Converting Colors

Hex(30A728)

Have a look what the booklet for  
Hex(30A728) contains.

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**Color**

**Hex(30A728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30A728
RGB	48, 167, 40
RGB Percent	19%, 65%, 16%
CMY	0.8118, 0.3451, 0.8431
CMYK	0.71, 0.00, 0.76, 0.35
HSL	116°, 61%, 41%
HSV	116°, 76%, 65%
XYZ	15.4206, 28.4190, 6.6802
YIQ	116.9410, -30.1570, -64.7250

# Conversions

## Conversions Part 2

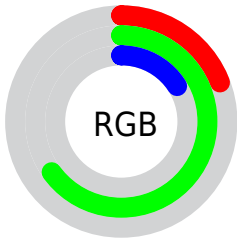
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 167, 159
Decimal	3188520
CIE <sub>Lab</sub>	60.27, -56.03, 52.61
CIE <sub>LCh</sub>	60, 76.856, 136.801
Yxy	28.4190, 0.3052, 0.5625
Android (android.graphics.Color)	4281378600 (0xFF30A728)
YUV	116.9410, -37.9319, -60.4613
Hunter-Lab	53.3095, -41.6575, 29.8871

# Details

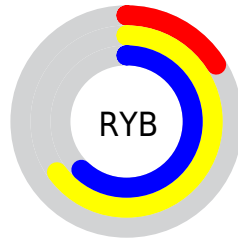
The Hex color **30A728** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9F28A7**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **70DF5E**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **20A717**, and if you desaturate by 10%, it is **40A739**.

# Distribution



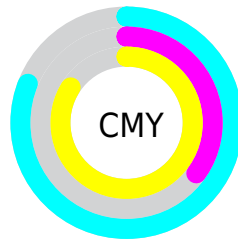
- Red (19%)
- Green (65%)
- Blue (16%)



- Red (16%)
- Yellow (65%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (76%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30A728 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 30A728 by changing the saturation by 10% instead.



 30A728

 30A728

FFFFFF

 008C03

 70DF5E

 007200

 8DFC79

 005800


 ABFF94

 003F00

 C8FFB0

 002900

 E6FFCC

 000200

 FFFFE9


 000000

 30A728

 30A728

 20A717

 40A739

 11A707

 4FA749

 0BA700

 5FA75A

 6FA76B

 7EA77B

 8EA78C

 9EA79D

 ADA7AE

 BDA7BE

# Harmonies

## Analogous

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



8B9A00



30A728



00AE70

# Triad

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



30A728



00A2FF



FF466E

# Complementary

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



30A728



9F28A7

# 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.



FA4AB2



30A728



3A8CFF

# Square

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



30A728



00ADF3



C36CEF



F3642E

# Rectangle

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



30A728



00AF9F



C36CEF



FF4285



# Sweetspot

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



30A728



AAD9A7



A79F28



516E4F



EDEDED



6E6E6E



# Same Dimension

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



30A728



20D914



28A75F



4C544C



099400



011400



# Inverse Universe

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



9F28A7



CC14D9



A72870



544C54



8B0094



130014



# Previews

## White Background



This preview shows how the Hex color 30A728 looks on a white background.

## Color Contrast Check

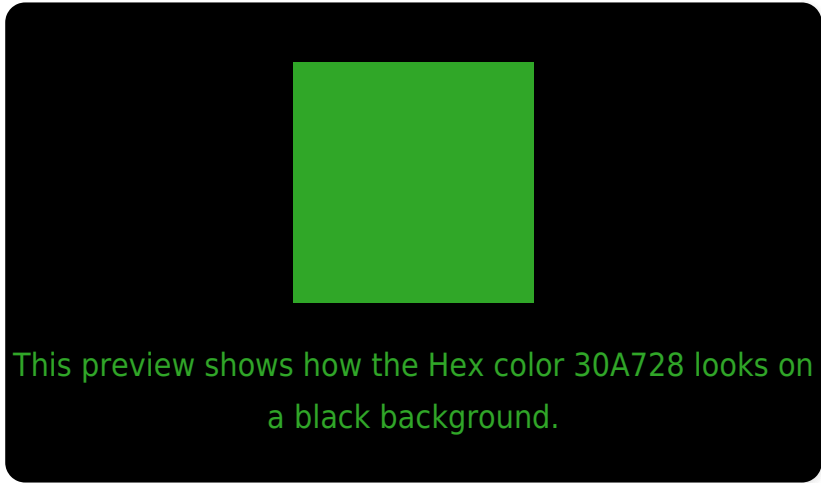
Large Text (above 18pt) WCAG AA ✓ Pass

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

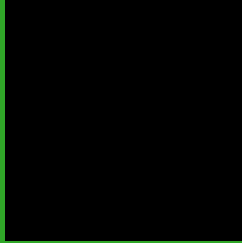
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 30A728 Background



This preview shows how black text looks on a background with the Hex color 30A728.



This preview shows how white text looks on a background with the Hex color 30A728.

# 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](#).

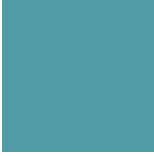
## Dichromacy



**Original Color**  
30A728

**Protanopia**  
A29122

**Deuteranopia**  
B48935



**Tritanopia**  
529CA8

# Trichromacy



**Original Color**  
30A728



**Protanomaly**  
799924



**Deuteranomaly**  
849430



**Tritanomaly**  
46A079

# Monochromacy



**Original Color**  
30A728



**Achromatopsia**  
757575



**Achromatomaly**  
5C8759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30A728 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 #30A728 looks like.

```
.text, #text, p{  
    color:#30A728  
}
```

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 #30A728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A728
}
```

## Border

The CSS property to change the border of an element to Hex 30A728 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
#30A728 }
```

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

```
.border{ border-color:#30A728 }
```

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

Here you see how a box with a 4 pixel #30A728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A728; -webkit-box-shadow:4px 4px  
4px 4px #30A728; box-shadow:4px 4px 4px  
4px #30A728 }
```

# Background

The CSS property to change the background color of an element to Hex 30A728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A728 }
```

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

```
.background{ background-color:#30A728 }
```

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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