

Converting Colors

Hex(30AD60)

Have a look what the booklet for
Hex(30AD60) contains.

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Color

Hex(30AD60)

Conversions

Conversions Part 1

Format	Color
Hex	30AD60
RGB	48, 173, 96
RGB Percent	19%, 68%, 38%
CMY	0.8118, 0.3216, 0.6235
CMYK	0.72, 0.00, 0.45, 0.32
HSL	143°, 57%, 43%
HSV	143°, 72%, 68%
XYZ	18.2738, 31.3600, 16.1563
YIQ	126.8470, -49.7830, -50.4470

Conversions

Conversions Part 2

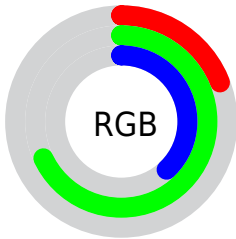
Format	Color
RYB	48, 138, 173
Decimal	3190112
CIELab	62.81, -51.12, 30.00
CIElCh	63, 59.271, 149.595
Yxy	31.3600, 0.2778, 0.4767
Android (android.graphics.Color)	4281380192 (0xFF30AD60)
YUV	126.8470, -15.2076, -69.1488
Hunter-Lab	56.0000, -39.7523, 22.0946

Details

The Hex color **30AD60** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD307D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6FE594**, and **007730** is the 20% darker color. If you saturate the color by 10%, you get **1FAD55**, and if you desaturate by 10%, it is **41AD6B**.

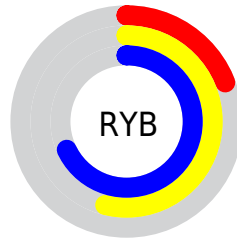
Distribution



Red (19%)

Green (68%)

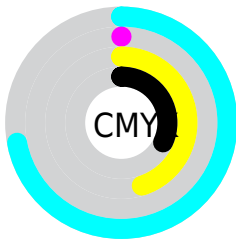
Blue (38%)



Red (19%)

Yellow (54%)

Blue (68%)

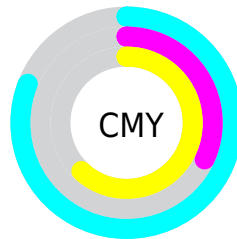


Cyan (72%)

Magenta (0%)

Yellow (45%)

Black (32%)



Cyan (81%)

Magenta (32%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30AD60 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 30AD60 by changing the saturation by 10% instead.

 30AD60

 30AD60

FFFFFF

 009247

 6FE594

 007730

 8CFFAE

 005E18

 AAFFCA

 004500

 C7FFE6

 002E00

 E5FFFF

 001200

 000000

 30AD60

 30AD60

 1FAD55

 41AD6B

0DAD4B

53AD75

00AD42

64AD80

75AD8B

87AD95

98ADA0

A9ADAB

BAADB5

CCADC0

Harmonies

Analogous

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



80A435



30AD60



00B196

Triad

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



30AD60



009EFF



F56D67

Complementary

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



30AD60



AD307D

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.



F5679B



30AD60



978AF4

Square

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



30AD60



00ABF2



D774CE



DD813C

Rectangle

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



30AD60



00B1BA



D774CE



F86978

Sweetspot

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



30AD60



AFE0C2



7DAD30



53705E



F0F0F0



707070

Same Dimension

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



30AD60



1DE068



30AD9E



4E5751



00963A



001709

Inverse Universe

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



AD307D



E01D95



AD303F



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color 30AD60 looks on a white background.

Color Contrast Check

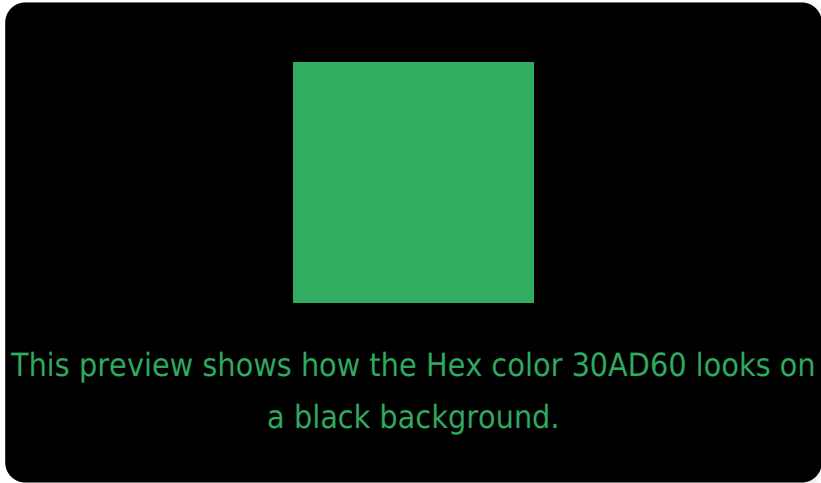
Large Text (above 18pt) WCAG AA × Fail

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

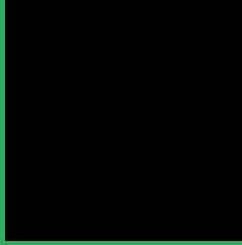
Any Text WCAG AA ✓ Pass

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 30AD60 Background



This preview shows how black text looks on a background with the Hex color 30AD60.

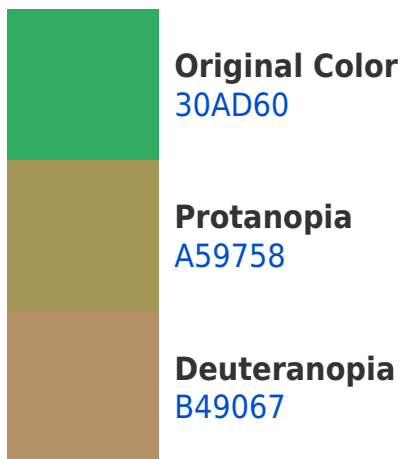


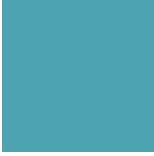
This preview shows how white text looks on a background with the Hex color 30AD60.

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
4EA4B1

Trichromacy



Original Color
30AD60



Protanomaly
7A9F5B



Deuteranomaly
849B64



Tritanomaly
43A794

Monochromacy



Original Color
30AD60



Achromatopsia
7F7F7F



Achromatomaly
629074

CSS Examples

Text

The CSS property to change the color of the text to Hex 30AD60 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 #30AD60 looks like.

```
.text, #text, p{  
    color:#30AD60  
}
```

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 #30AD60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30AD60
}
```

Border

The CSS property to change the border of an element to Hex 30AD60 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
#30AD60 }
```

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

```
.border{ border-color:#30AD60 }
```

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

Here you see how a box with a 4 pixel #30AD60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30AD60; -webkit-box-shadow:4px 4px  
4px 4px #30AD60; box-shadow:4px 4px 4px  
4px #30AD60 }
```

Background

The CSS property to change the background color of an element to Hex 30AD60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30AD60 }
```

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

```
.background{ background-color:#30AD60 }
```

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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