

Converting Colors

Hex(30A725)

Have a look what the booklet for
Hex(30A725) contains.

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Color

Hex(30A725)

Conversions

Conversions Part 1

Format	Color
Hex	30A725
RGB	48, 167, 37
RGB Percent	19%, 65%, 15%
CMY	0.8118, 0.3451, 0.8549
CMYK	0.71, 0.00, 0.78, 0.35
HSL	115°, 64%, 40%
HSV	115°, 78%, 65%
XYZ	15.3716, 28.3994, 6.4217
YIQ	116.5990, -29.1940, -65.6580

Conversions

Conversions Part 2

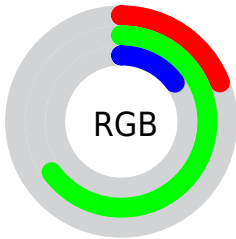
Format	Color
RYB	37, 167, 156
Decimal	3188517
CIELab	60.25, -56.24, 53.61
CIElCh	60, 77.699, 136.371
Yxy	28.3994, 0.3063, 0.5658
Android (android.graphics.Color)	4281378597 (0xFF30A725)
YUV	116.5990, -39.2423, -60.1613
Hunter-Lab	53.2911, -41.7719, 30.1591

Details

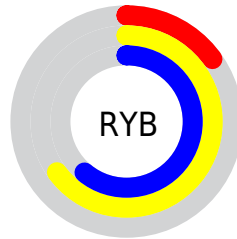
The Hex color **30A725** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9C25A7**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **70DF5C**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **21A714**, and if you desaturate by 10%, it is **3FA736**.

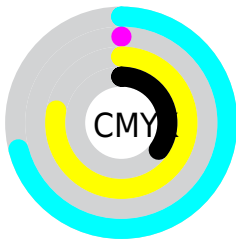
Distribution



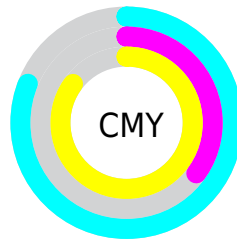
- Red (19%)
- Green (65%)
- Blue (15%)



- Red (15%)
- Yellow (65%)
- Blue (61%)



- Cyan (71%)
- Magenta (0%)
- Yellow (78%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A725 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 30A725 by changing the saturation by 10% instead.

 30A725

 30A725

FFFFFF

 008C00

 70DF5C

 007200

 8EFC77

 005800

 ABFF92

 003F00

 C9FFAE

 002900

 E6FFCA

 000200

 FFFFE7

 000000

 30A725

 30A725

 21A714

 3FA736

 11A704

 4FA746

 0EA700

 5EA757

 6DA768

 7CA779

 8CA789

 9BA79A

 AAA7AB

 BAA7BB

Harmonies

Analogous

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



8C9A00



30A725



00AE6E

Triad

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



30A725



00A2FF



FF446F

Complementary

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



30A725



9C25A7

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.



FB48B3



30A725



328DFF

Square

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



30A725



00ADF4



C26BF1



F5632E

Rectangle

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



30A725



00AF9E



C26BF1



FF4086

Sweetspot

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



30A725



ABD9A7



A79A25



526E4F



EDEDED



6E6E6E

Same Dimension

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



30A725



20D90F



25A759



4C544C



0D9400



021400

Inverse Universe

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



9C25A7



C80FD9



A72573



534C54



870094



130014

Previews

White Background



This preview shows how the Hex color 30A725 looks on a white background.

Color Contrast Check

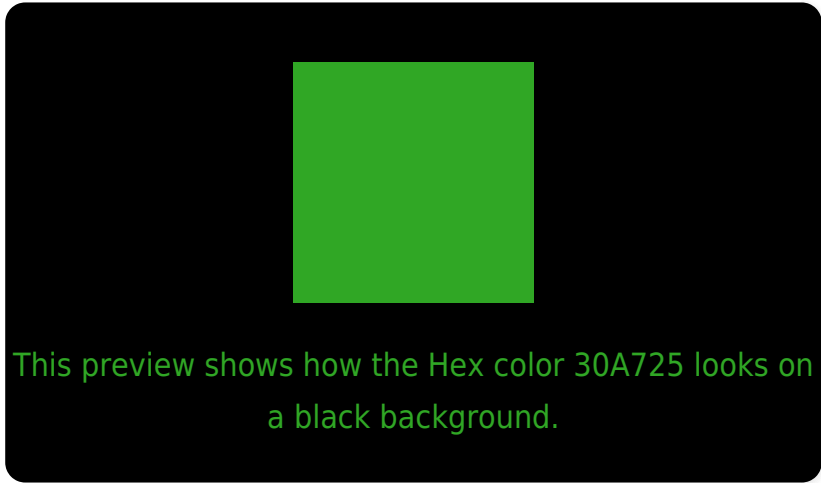
Large Text (above 18pt) WCAG AA ✓ Pass

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 30A725 Background



This preview shows how black text looks on a background with the Hex color 30A725.



This preview shows how white text looks on a background with the Hex color 30A725.

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
30A725

Protanopia
A2901F

Deuteranopia
B48932



Tritanopia
529CA8

Trichromacy



Original Color
30A725



Protanomaly
799821



Deuteranomaly
84942D



Tritanomaly
46A078

Monochromacy



Original Color
30A725



Achromatopsia
757575



Achromatomaly
5C8758

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A725 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 #30A725 looks like.

```
.text, #text, p{  
    color:#30A725  
}
```

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 #30A725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A725
}
```

Border

The CSS property to change the border of an element to Hex 30A725 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".

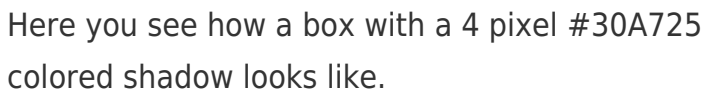
```
.border, #border, table{ border:4px solid
#30A725 }
```

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

```
.border{ border-color:#30A725 }
```

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

Here you see how a box with a 4 pixel #30A725 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A725; -webkit-box-shadow:4px 4px  
4px 4px #30A725; box-shadow:4px 4px 4px  
4px #30A725 }
```

Background

The CSS property to change the background color of an element to Hex 30A725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A725 }
```

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

```
.background{ background-color:#30A725 }
```

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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