

Converting Colors

Hex(30A425)

Have a look what the booklet for
Hex(30A425) contains.

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Color

Hex(30A425)

Conversions

Conversions Part 1

Format	Color
Hex	30A425
RGB	48, 164, 37
RGB Percent	19%, 64%, 15%
CMY	0.8118, 0.3569, 0.8549
CMYK	0.71, 0.00, 0.77, 0.36
HSL	115°, 63%, 39%
HSV	115°, 77%, 64%
XYZ	14.8283, 27.3129, 6.2406
YIQ	114.8380, -28.3690, -64.0890

Conversions

Conversions Part 2

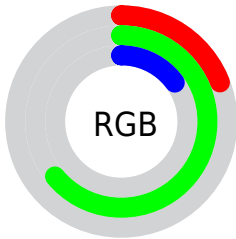
Format	Color
RYB	37, 164, 153
Decimal	3187749
CIELab	59.26, -55.24, 52.65
CIELCh	59, 76.315, 136.375
Yxy	27.3129, 0.3065, 0.5645
Android (android.graphics.Color)	4281377829 (0xFF30A425)
YUV	114.8380, -38.3741, -58.6169
Hunter-Lab	52.2617, -40.8119, 29.5033

Details

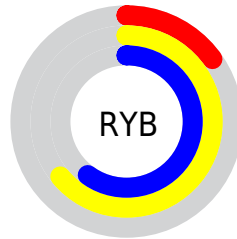
The Hex color **30A425** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9925A4**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FDC5C**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **21A415**, and if you desaturate by 10%, it is **3FA435**.

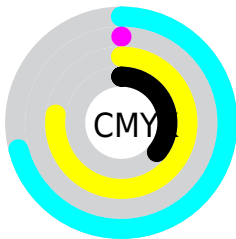
Distribution



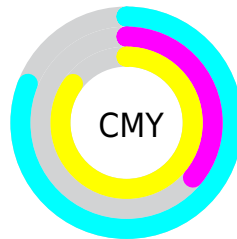
- Red (19%)
- Green (64%)
- Blue (15%)



- Red (15%)
- Yellow (64%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (77%)
- Black (36%)



- Cyan (81%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30A425 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 30A425 by changing the saturation by 10% instead.



30A425



30A425

FFFFFF



008900



6FDC5C



006F00



8DF976



005500



AAFF91



003D00



C8FFAD



002600



E5FFC9



000000



FFFFE6



30A425



30A425



21A415



3FA435

 12A404

 4EA446

 0EA400

 5DA456

 6CA467

 7BA477

 8AA487

 99A498

 A8A4A8

 B7A4B9

Harmonies

Analogous

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



8A9700



30A425



00AB6D

Triad

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



30A425



009FFF



FF436D

Complementary

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



30A425



9925A4

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.



F648B0



30A425



338AFF

Square

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



30A425



00AAEF



BE6AEC



F0612D

Rectangle

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



30A425



00AC9C



BE6AEC



FF3F83

Sweetspot

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



30A425



A9D6A5



A49725



506B4D



EBEBEB



6B6B6B

Same Dimension

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



30A425



20D60F



25A458



4A5249



0D9100



021200

Inverse Universe

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



9925A4



C50FD6



A42571



514952



850091



100012

Previews

White Background



This preview shows how the Hex color 30A425 looks on a white background.

Color Contrast Check

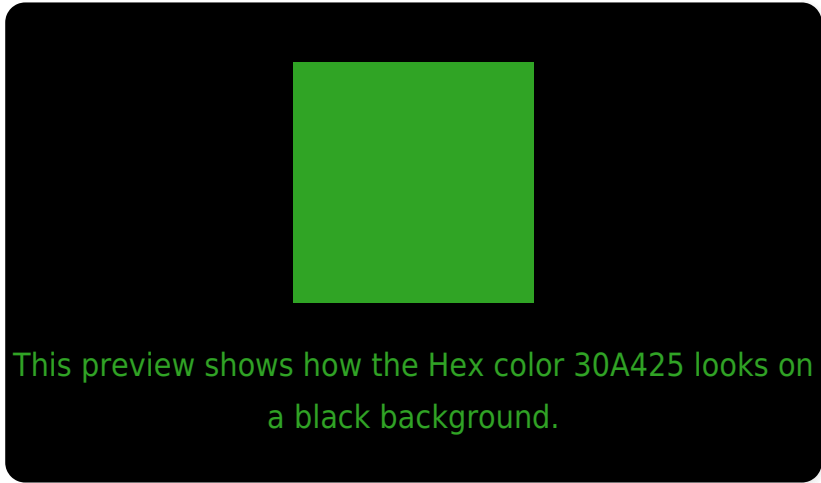
Large Text (above 18pt) WCAG AA ✓ Pass

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

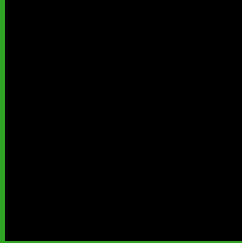
Any Text WCAG AA ✓ Pass

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 30A425 Background



This preview shows how black text looks on a background with the Hex color 30A425.



This preview shows how white text looks on a background with the Hex color 30A425.

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
30A425

Protanopia
9F8E1F

Deuteranopia
B18732



Tritanopia
5199A5

Trichromacy



Original Color
30A425



Protanomaly
779621



Deuteranomaly
82922D



Tritanomaly
459D76

Monochromacy



Original Color
30A425



Achromatopsia
737373



Achromatomaly
5B8557

CSS Examples

Text

The CSS property to change the color of the text to Hex 30A425 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 #30A425 looks like.

```
.text, #text, p{  
    color:#30A425  
}
```

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 #30A425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30A425
}
```

Border

The CSS property to change the border of an element to Hex 30A425 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
#30A425 }
```

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

```
.border{ border-color:#30A425 }
```

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

Here you see how a box with a 4 pixel #30A425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30A425; -webkit-box-shadow:4px 4px  
4px 4px #30A425; box-shadow:4px 4px 4px  
4px #30A425 }
```

Background

The CSS property to change the background color of an element to Hex 30A425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30A425 }
```

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

```
.background{ background-color:#30A425 }
```

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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