

Converting Colors

Hex(12A030)

Have a look what the booklet for
Hex(12A030) contains.

Hex(12A030)	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(12A030)

Conversions

Conversions Part 1

Format	Color
Hex	12A030
RGB	18, 160, 48
RGB Percent	7%, 63%, 19%
CMY	0.9294, 0.3725, 0.8118
CMYK	0.89, 0.00, 0.70, 0.37
HSL	133°, 80%, 35%
HSV	133°, 89%, 63%
XYZ	13.3538, 25.4836, 7.0113
YIQ	104.7740, -48.6800, -64.9360

Conversions

Conversions Part 2

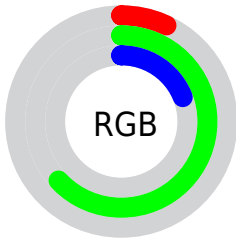
Format	Color
R_{YB}	18, 135, 160
Decimal	1220656
CIE _{Lab}	57.54, -57.07, 46.64
CIE _{LCh}	58, 73.699, 140.744
Yxy	25.4836, 0.2913, 0.5558
Android (android.graphics.Color)	4279410736 (0xFF12A030)
YUV	104.7740, -27.9896, -76.1008
Hunter-Lab	50.4813, -41.1239, 27.1021

Details

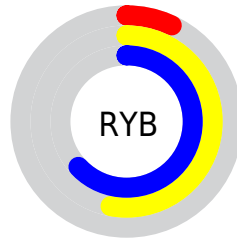
The Hex color **12A030** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A01282**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FD864**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **02A023**, and if you desaturate by 10%, it is **22A03D**.

Distribution



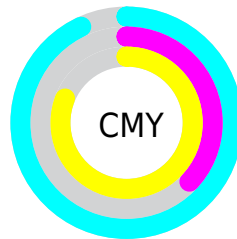
- Red (7%)
- Green (63%)
- Blue (19%)



- Red (7%)
- Yellow (53%)
- Blue (63%)



- Cyan (89%)
- Magenta (0%)
- Yellow (70%)
- Black (37%)



- Cyan (93%)
- Magenta (37%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12A030 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 12A030 by changing the saturation by 10% instead.

 12A030

 12A030

FFFFFF

 008513

 5FD864

 006B00

 7DF57E

 005100

 9AFF99

 003900

 B8FFB5

 002200

 D6FFD1

 000000

 F4FFEE

 12A030

 12A030

 02A023

 22A03D

 00A022

 32A049

 42A056

 52A062

 62A06F

 72A07C

 82A088

 92A095

 A2A0A2

Harmonies

Analogous

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



7C9400



12A030



00A673

Triad

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



12A030



0098FF



FA4561

Complementary

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



12A030



A01282

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.



F243A1



12A030



5782FF

Square

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



12A030



00A3ED



C362DD



E36323

Rectangle

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



12A030



00A7A0



C362DD



FB4076

Sweetspot

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



12A030



99D1A5



84A012



47694E



E8E8E8



696969

Same Dimension

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



12A030



00D12C



12A075



474F49



008F1E



000F03

Inverse Universe

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



A01282



D100A5



A0123D



4F474D



8F0071



0F000C

Previews

White Background



This preview shows how the Hex color 12A030 looks on a white background.

Color Contrast Check

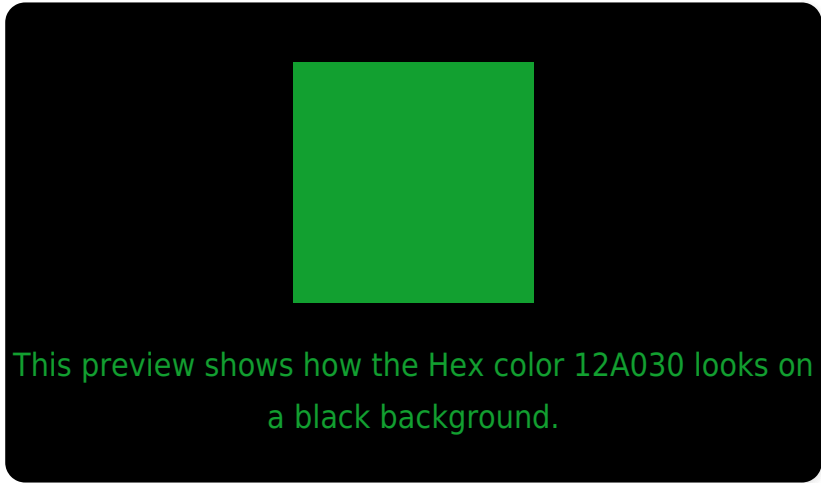
Large Text (above 18pt) WCAG AA ✓ Pass

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 12A030 Background



This preview shows how black text looks on a background with the Hex color 12A030.



This preview shows how white text looks on a background with the Hex color 12A030.

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
12A030

Protanopia
9A8A2A

Deuteranopia
AA823A



Tritanopia
4395A2

Trichromacy



Original Color
12A030



Protanomaly
69922C



Deuteranomaly
738D36



Tritanomaly
319979

Monochromacy



Original Color
12A030



Achromatopsia
696969



Achromatomaly
497D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 12A030 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 #12A030 looks like.

```
.text, #text, p{  
    color:#12A030  
}
```

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 #12A030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12A030
}
```

Border

The CSS property to change the border of an element to Hex 12A030 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
#12A030 }
```

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

```
.border{ border-color:#12A030 }
```

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

Here you see how a box with a 4 pixel #12A030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12A030; -webkit-box-shadow:4px 4px  
4px 4px #12A030; box-shadow:4px 4px 4px  
4px #12A030 }
```

Background

The CSS property to change the background color of an element to Hex 12A030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12A030 }
```

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

```
.background{ background-color:#12A030 }
```

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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