

Converting Colors

Hex(12C62A)

Have a look what the booklet for
Hex(12C62A) contains.

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Color

Hex(12C62A)

Conversions

Conversions Part 1

Format	Color
Hex	12C62A
RGB	18, 198, 42
RGB Percent	7%, 78%, 16%
CMY	0.9294, 0.2235, 0.8353
CMYK	0.91, 0.00, 0.79, 0.22
HSL	128°, 83%, 42%
HSV	128°, 91%, 78%
XYZ	20.8615, 40.6839, 8.9438
YIQ	126.3960, -57.2040, -86.6760

Conversions

Conversions Part 2

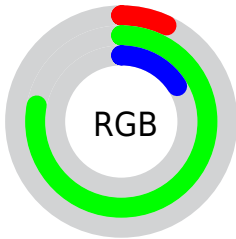
Format	Color
RYB	18, 177, 198
Decimal	1230378
CIELab	69.95, -68.89, 61.26
CIELCh	70, 92.183, 138.355
Yxy	40.6839, 0.2960, 0.5772
Android (android.graphics.Color)	4279420458 (0xFF12C62A)
YUV	126.3960, -41.6072, -95.0633
Hunter-Lab	63.7840, -53.2409, 36.3351

Details

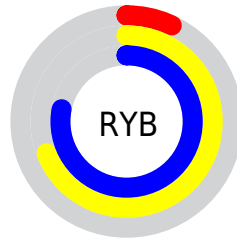
The Hex color **12C62A** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **C612AE**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6AFF64**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **00C61A**, and if you desaturate by 10%, it is **26C63B**.

Distribution



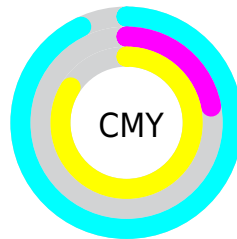
- Red (7%)
- Green (78%)
- Blue (16%)



- Red (7%)
- Yellow (69%)
- Blue (78%)



- Cyan (91%)
- Magenta (0%)
- Yellow (79%)
- Black (22%)



- Cyan (93%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12C62A 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 12C62A by changing the saturation by 10% instead.

 12C62A

 12C62A

FFFFFF

 00AA00

 6AFF64

 008E00

 8AFF7F

 007400

 AAFF9B

 005900

 C8FFB8

 004000

 E7FFD4

 002800

 FFFFF2

 000000

 12C62A

 12C62A

 00C61A

 26C63B

 3AC64C

 4DC65D

 61C66F

 75C680

 89C691

 9DC6A2

 B0C6B3

 C4C6C4

Harmonies

Analogous

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



9EB700



12C62A



00CD86

Triad

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



12C62A



00BFFF



FF487C

Complementary

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



12C62A



C612AE

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.



FF4ACF



12C62A



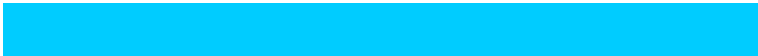
44A3FF

Square

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



12C62A



00CCFF



EC79FF



FF742A

Rectangle

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



12C62A



00CFC1



EC79FF



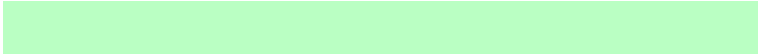
FF4097

Sweetspot

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



12C62A



BAFFC3



AEC612



57805C



000000



808080

Same Dimension

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



12C62A



00FF22



12C684



5A635B



00A316



002405

Inverse Universe

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



C612AE



FF00DD



C61254



635A62



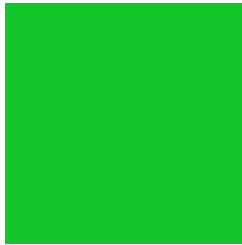
A3008D



24001F

Previews

White Background



This preview shows how the Hex color 12C62A looks on a white background.

Color Contrast Check

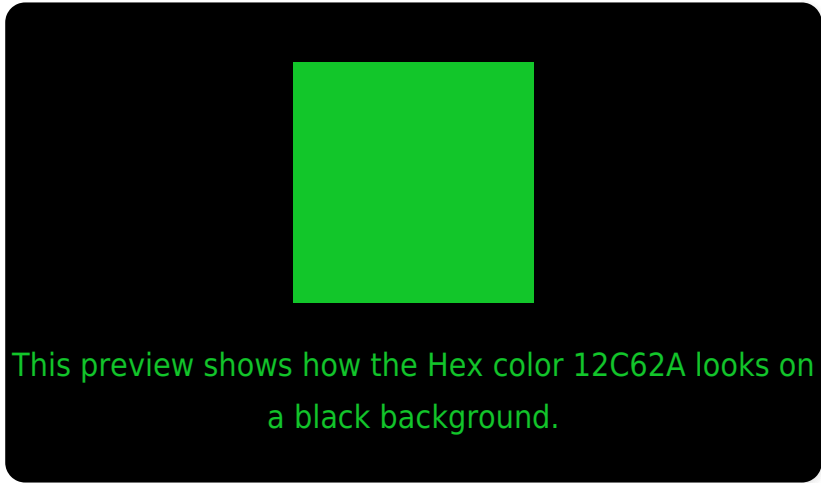
Large Text (above 18pt) WCAG AA × Fail

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 12C62A Background



This preview shows how black text looks on a background with the Hex color 12C62A.

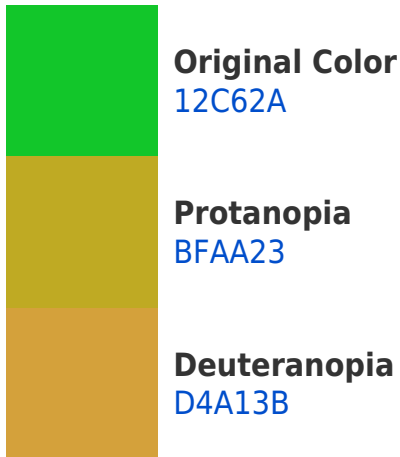


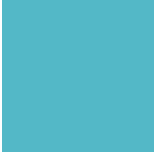
This preview shows how white text looks on a background with the Hex color 12C62A.

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](#).

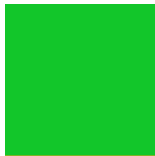
Dichromacy





Tritanopia
53B8C7

Trichromacy



Original Color

12C62A



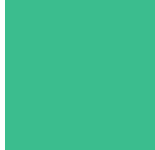
Protanomaly

80B426



Deuteranomaly

8DAE35



Tritanomaly

3BBD8E

Monochromacy



Original Color

12C62A



Achromatopsia

7E7E7E



Achromatomaly

57985F

CSS Examples

Text

The CSS property to change the color of the text to Hex 12C62A 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 #12C62A looks like.

```
.text, #text, p{  
    color:#12C62A  
}
```

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 #12C62A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C62A
}
```

Border

The CSS property to change the border of an element to Hex 12C62A 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
#12C62A }
```

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

```
.border{ border-color:#12C62A }
```

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

Here you see how a box with a 4 pixel #12C62A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C62A; -webkit-box-shadow:4px 4px  
4px 4px #12C62A; box-shadow:4px 4px 4px  
4px #12C62A }
```

Background

The CSS property to change the background color of an element to Hex 12C62A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C62A }
```

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

```
.background{ background-color:#12C62A }
```

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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