

Converting Colors

Hex(12A50A)

Have a look what the booklet for
Hex(12A50A) contains.

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Color

Hex(12A50A)

Conversions

Conversions Part 1

Format	Color
Hex	12A50A
RGB	18, 165, 10
RGB Percent	7%, 65%, 4%
CMY	0.9294, 0.3529, 0.9608
CMYK	0.89, 0.00, 0.94, 0.35
HSL	117°, 89%, 34%
HSV	117°, 94%, 65%
XYZ	13.7594, 27.0608, 4.7852
YIQ	103.3770, -37.8570, -79.3690

Conversions

Conversions Part 2

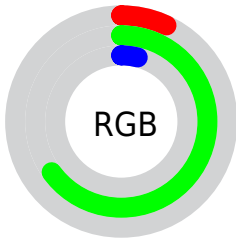
Format	Color
RYB	10, 165, 157
Decimal	1221898
CIELab	59.03, -60.87, 58.78
CIELCh	59, 84.621, 135.999
Yxy	27.0608, 0.3017, 0.5934
Android (android.graphics.Color)	4279411978 (0xFF12A50A)
YUV	103.3770, -46.0349, -74.8756
Hunter-Lab	52.0200, -43.8214, 30.9600

Details

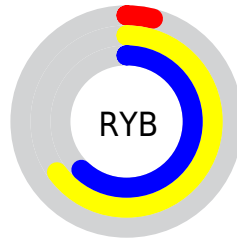
The Hex color **12A50A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9D0AA5**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **62DD4C**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **09A500**, and if you desaturate by 10%, it is **22A51B**.

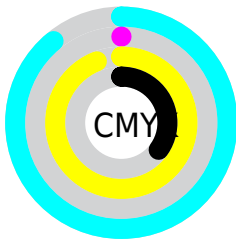
Distribution



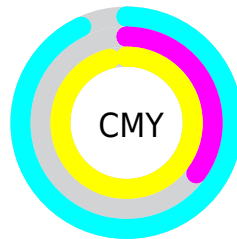
- Red (7%)
- Green (65%)
- Blue (4%)



- Red (4%)
- Yellow (65%)
- Blue (62%)



- Cyan (89%)
- Magenta (0%)
- Yellow (94%)
- Black (35%)



- Cyan (93%)
- Magenta (35%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12A50A 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 12A50A by changing the saturation by 10% instead.



12A50A



12A50A

FFFFFF



008A00



62DD4C



006F00



80FA68



005600



9EFF83



003D00



BCFF9F



002500



DBFFBB



000000



F9FFD8



FFFFFF5



12A50A



12A50A

■ 09A500

■ 22A51B

■ 31A52B

■ 41A53B

■ 51A54C

■ 60A55C

■ 70A56D

■ 80A57E

■ 8FA58E

■ 9FA59E

Harmonies

Analogous

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



879700



12A50A



00AC67

Triad

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



12A50A



00A1FF



FF2D6A

Complementary

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



12A50A



9D0AA5

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.



FF35B4



12A50A



008AFF

Square

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



12A50A



00ACF9



C164F7



F85820

Rectangle

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



12A50A



00AE9C



C164F7



FF2583

Sweetspot

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



12A50A



9DD69A



A59B0A



496B47



EBEBEB



6B6B6B

Same Dimension

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



12A50A



0BD600



0AA54D



4A5249



089100



011200

Inverse Universe

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



9D0AA5



CB00D6



A50A62



514952



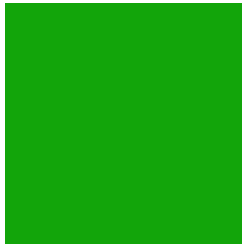
8A0091



110012

Previews

White Background



This preview shows how the Hex color 12A50A looks on a white background.

Color Contrast Check

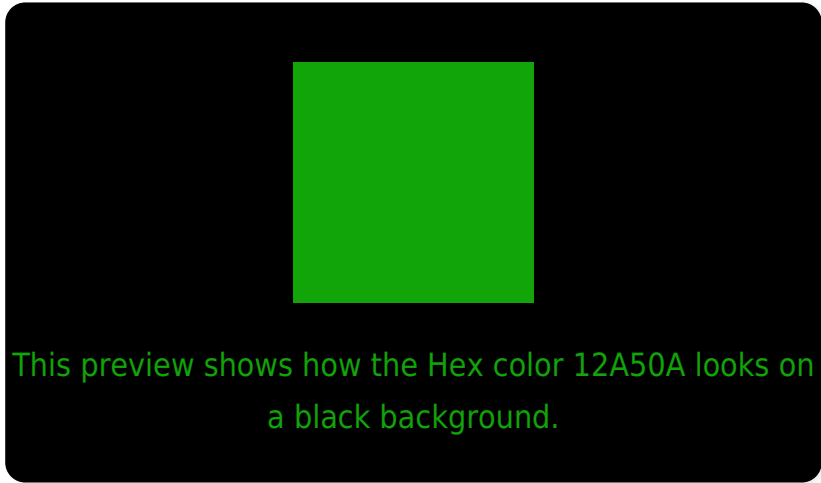
Large Text (above 18pt) WCAG AA ✓ Pass

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 12A50A Background



This preview shows how black text looks on a background with the Hex color 12A50A.

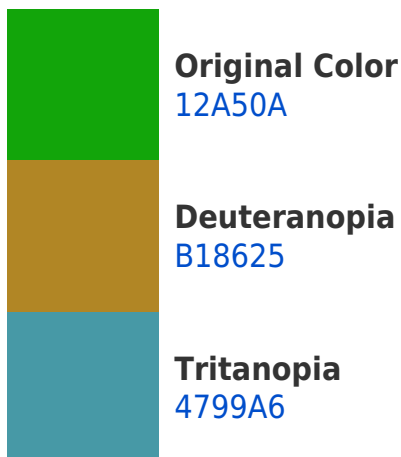


This preview shows how white text looks on a background with the Hex color 12A50A.

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



Trichromacy



Original Color
12A50A



Deuteranomaly
77911B



Tritanomaly
349D6D

Monochromacy



Original Color
12A50A



Achromatopsia
676767



Achromatomaly
487E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 12A50A 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 #12A50A looks like.

```
.text, #text, p{  
    color:#12A50A  
}
```

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 #12A50A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12A50A
}
```

Border

The CSS property to change the border of an element to Hex 12A50A 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".

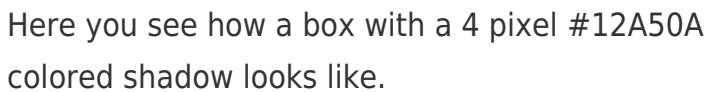
```
.border, #border, table{ border:4px solid
#12A50A }
```

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

```
.border{ border-color:#12A50A }
```

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

Here you see how a box with a 4 pixel #12A50A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12A50A; -webkit-box-shadow:4px 4px  
4px 4px #12A50A; box-shadow:4px 4px 4px  
4px #12A50A }
```

Background

The CSS property to change the background color of an element to Hex 12A50A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12A50A }
```

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

```
.background{ background-color:#12A50A }
```

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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