

Converting Colors

Hex(12A952)

Have a look what the booklet for
Hex(12A952) contains.

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Color

Hex(12A952)

Conversions

Conversions Part 1

Format	Color
Hex	12A952
RGB	18, 169, 82
RGB Percent	7%, 66%, 32%
CMY	0.9294, 0.3373, 0.6784
CMYK	0.89, 0.00, 0.51, 0.34
HSL	145°, 81%, 37%
HSV	145°, 89%, 66%
XYZ	15.9604, 29.1137, 12.7610
YIQ	113.9330, -62.0690, -59.0690

Conversions

Conversions Part 2

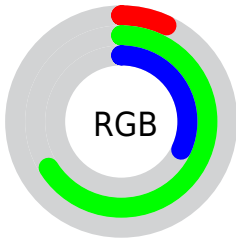
Format	Color
RYB	18, 124, 169
Decimal	1222994
CIELab	60.88, -55.54, 34.68
CIElCh	61, 65.477, 148.018
Yxy	29.1137, 0.2760, 0.5034
Android (android.graphics.Color)	4279413074 (0xFF12A952)
YUV	113.9330, -15.7430, -84.1332
Hunter-Lab	53.9571, -41.6251, 23.7478

Details

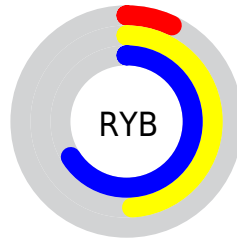
The Hex color **12A952** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A91269**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **60E185**, and **007321** is the 20% darker color. If you saturate the color by 10%, you get **01A948**, and if you desaturate by 10%, it is **23A95C**.

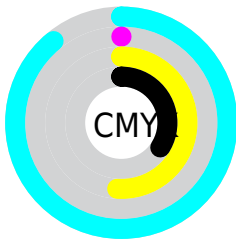
Distribution



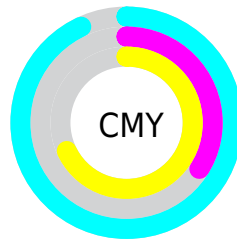
- Red (7%)
- Green (66%)
- Blue (32%)



- Red (7%)
- Yellow (49%)
- Blue (66%)



- Cyan (89%)
- Magenta (0%)
- Yellow (51%)
- Black (34%)



- Cyan (93%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12A952 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 12A952 by changing the saturation by 10% instead.

 12A952

 12A952

FFFFFF

 008E3A

 60E185

 007321

 7EFFA0

 005A07

 9CFFBB

 004100

 BAFFD7

 002A00

 D7FFF4

 000600

 F6FFFF

 000000

 12A952

 12A952

 01A948

 23A95C

 00A948

 34A965

 45A96F

 56A979

 66A983

 77A98C

 88A996

 99A9A0

 AAA9AA

Harmonies

Analogous

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



7A9F1D



12A952



00AD8D

Triad

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



12A952



009BFF



F76060

Complementary

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



12A952



A91269

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.



F75999



12A952



8A85FA

Square

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



12A952



00A8F5



D56BD1



DE782E

Rectangle

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



12A952



00AEB5



D56BD1



FA5B73

Sweetspot

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



12A952



A0DBB9



6AA912



4B6E59



EDEDED



6E6E6E

Same Dimension

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



12A952



00DB5D



12A99C



4C544F



00943F



001409

Inverse Universe

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



A91269



DB007E



A9121F



544C51



940055



14000C

Previews

White Background



This preview shows how the Hex color 12A952 looks on a white background.

Color Contrast Check

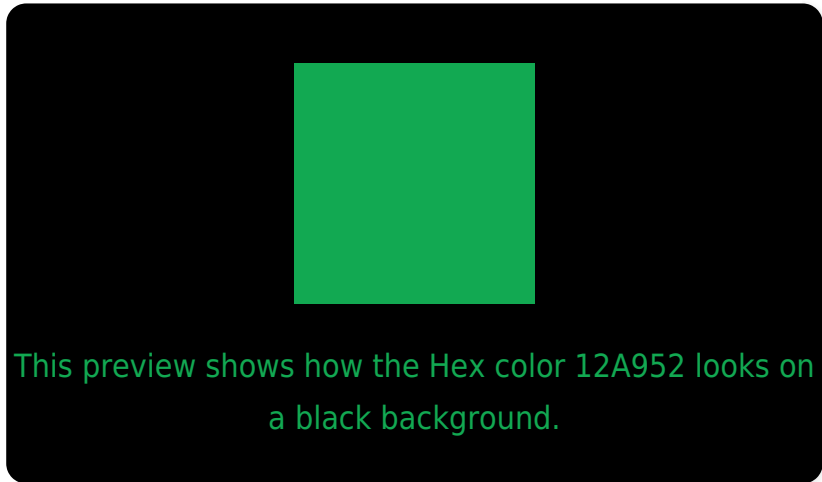
Large Text (above 18pt) WCAG AA ✓ Pass

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 12A952 Background



This preview shows how black text looks on a background with the Hex color 12A952.



This preview shows how white text looks on a background with the Hex color 12A952.

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
12A952

Protanopia
A1924A

Deuteranopia
B08B5A

Trichromacy



Original Color
12A952



Protanomaly
6D9A4D



Deuteranomaly
779657



Tritanomaly
31A38B

Monochromacy



Original Color
12A952



Achromatopsia
727272



Achromatomaly
4F8666

CSS Examples

Text

The CSS property to change the color of the text to Hex 12A952 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 #12A952 looks like.

```
.text, #text, p{  
    color:#12A952  
}
```

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 #12A952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12A952
}
```

Border

The CSS property to change the border of an element to Hex 12A952 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
#12A952 }
```

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

```
.border{ border-color:#12A952 }
```

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

Here you see how a box with a 4 pixel #12A952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12A952; -webkit-box-shadow:4px 4px  
4px 4px #12A952; box-shadow:4px 4px 4px  
4px #12A952 }
```

Background

The CSS property to change the background color of an element to Hex 12A952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12A952 }
```

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

```
.background{ background-color:#12A952 }
```

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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