

Converting Colors

Hex(12B55C)

Have a look what the booklet for
Hex(12B55C) contains.

Hex(12B55C)	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(12B55C)

Conversions

Conversions Part 1

Format	Color
Hex	12B55C
RGB	18, 181, 92
RGB Percent	7%, 71%, 36%
CMY	0.9294, 0.2902, 0.6392
CMYK	0.90, 0.00, 0.49, 0.29
HSL	147°, 82%, 39%
HSV	147°, 90%, 71%
XYZ	18.7051, 33.9491, 15.6922
YIQ	122.1170, -68.5790, -62.2350

Conversions

Conversions Part 2

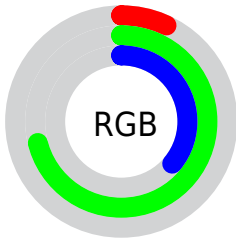
Format	Color
RYB	18, 130, 181
Decimal	1226076
CIELab	64.92, -57.97, 34.66
CIELCh	65, 67.542, 149.123
Yxy	33.9491, 0.2737, 0.4967
Android (android.graphics.Color)	4279416156 (0xFF12B55C)
YUV	122.1170, -14.8477, -91.3106
Hunter-Lab	58.2658, -44.6613, 24.8181

Details

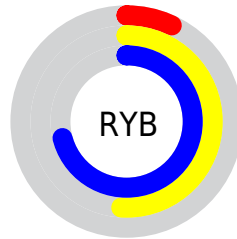
The Hex color **12B55C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B5126B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **63EE90**, and **007F2B** is the 20% darker color. If you saturate the color by 10%, you get **00B552**, and if you desaturate by 10%, it is **24B566**.

Distribution



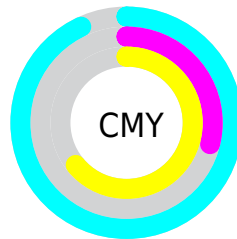
- Red (7%)
- Green (71%)
- Blue (36%)



- Red (7%)
- Yellow (51%)
- Blue (71%)



- Cyan (90%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12B55C 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 12B55C by changing the saturation by 10% instead.

 12B55C

 12B55C

FFFFFF

 009943

 63EE90

 007F2B

 82FFAB

 006412

 A0FFC6

 004B00

 BEFFE3

 003400

 DCFFFF

 001A00

 FBFFFF

 000000

 12B55C

 12B55C

 00B552

 24B566

 36B570

 48B57A

 5AB584

 6DB58D

 7FB597

 91B5A1

 A3B5AB

 B5B5B5

Harmonies

Analogous

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



81AB26



12B55C



00B99A

Triad

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



12B55C



00A5FF



FF6A66

Complementary

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



12B55C



B5126B

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.



FF61A2



12B55C



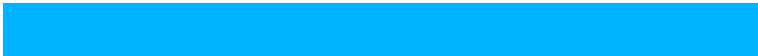
998EFF

Square

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



12B55C



00B3FF



E473DD



EB8233

Rectangle

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



12B55C



00BAC3



E473DD



FF647A

Sweetspot

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



12B55C



ABEBC8



6CB512



507561



F5F5F5



757575

Same Dimension

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



12B55C



00EB6B



12B5AD



505954



009945



001A0C

Inverse Universe

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



B5126B



EB0080



B5121A



595055



990054



1A000E

Previews

White Background



This preview shows how the Hex color 12B55C looks on a white background.

Color Contrast Check

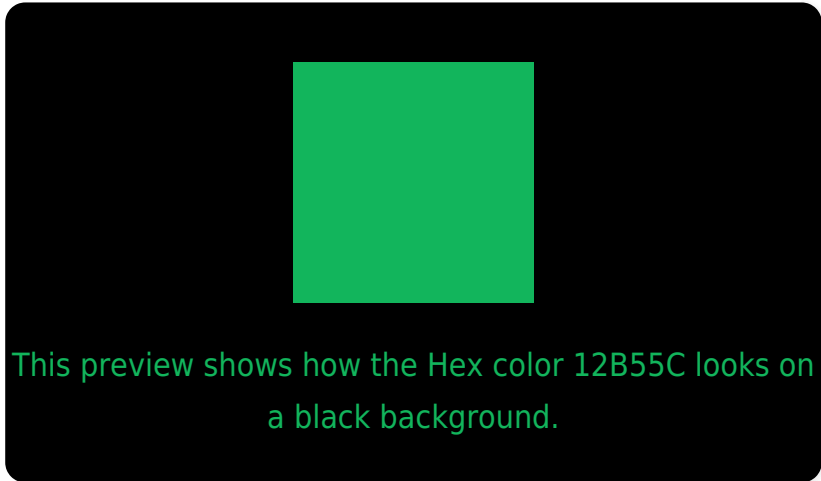
Large Text (above 18pt) WCAG AA × Fail

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

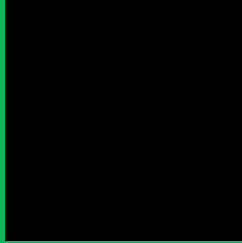
Any Text WCAG AA ✓ Pass

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 12B55C Background



This preview shows how black text looks on a background with the Hex color 12B55C.

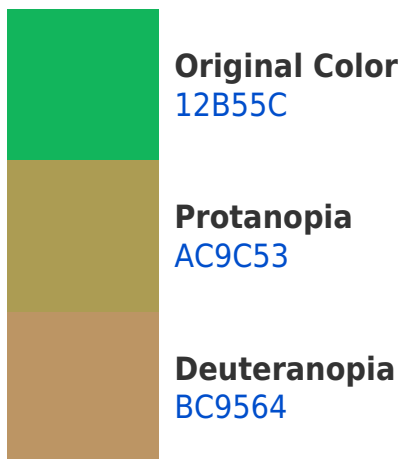


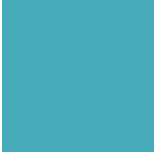
This preview shows how white text looks on a background with the Hex color 12B55C.

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](#).

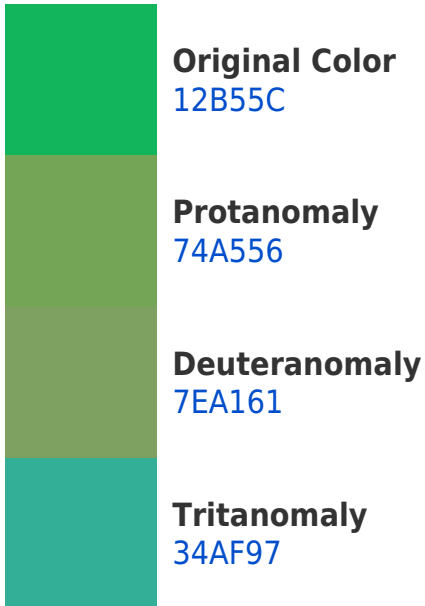
Dichromacy



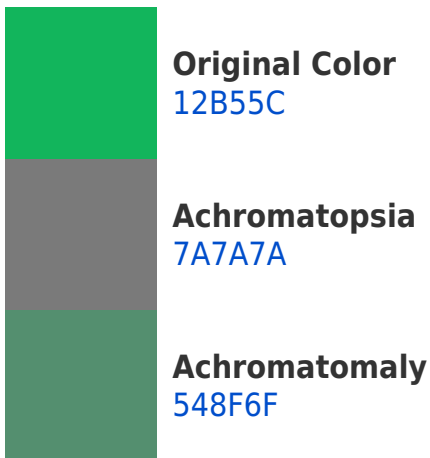


Tritanopia
47ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 12B55C 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 #12B55C looks like.

```
.text, #text, p{  
    color:#12B55C  
}
```

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 #12B55C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B55C
}
```

Border

The CSS property to change the border of an element to Hex 12B55C 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
#12B55C }
```

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

```
.border{ border-color:#12B55C }
```

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

Here you see how a box with a 4 pixel #12B55C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B55C; -webkit-box-shadow:4px 4px  
4px 4px #12B55C; box-shadow:4px 4px 4px  
4px #12B55C }
```

Background

The CSS property to change the background color of an element to Hex 12B55C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B55C }
```

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

```
.background{ background-color:#12B55C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor