

Converting Colors

Hex(12955B)

Have a look what the booklet for
Hex(12955B) contains.

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Color

Hex(12955B)

Conversions

Conversions Part 1

Format	Color
Hex	12955B
RGB	18, 149, 91
RGB Percent	7%, 58%, 36%
CMY	0.9294, 0.4157, 0.6431
CMYK	0.88, 0.00, 0.39, 0.42
HSL	153°, 78%, 33%
HSV	153°, 88%, 58%
XYZ	12.8852, 22.3788, 13.5380
YIQ	103.2190, -59.4580, -45.8100

Conversions

Conversions Part 2

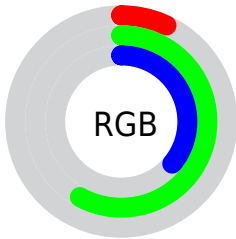
Format	Color
R _{YB}	18, 102, 149
Decimal	1217883
CIE Lab	54.43, -46.71, 21.60
CIE LCh	54, 51.462, 155.179
Yxy	22.3788, 0.2640, 0.4586
Android (android.graphics.Color)	4279407963 (0xFF12955B)
YUV	103.2190, -6.0240, -74.7371
Hunter-Lab	47.3063, -34.1663, 16.1470

Details

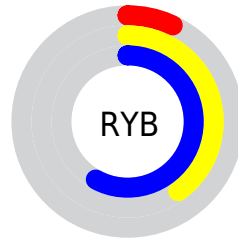
The Hex color **12955B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **95124C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5ACC8E**, and **00612C** is the 20% darker color. If you saturate the color by 10%, you get **039554**, and if you desaturate by 10%, it is **219562**.

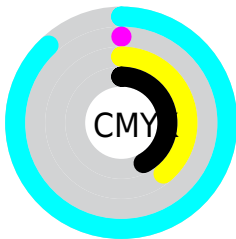
Distribution



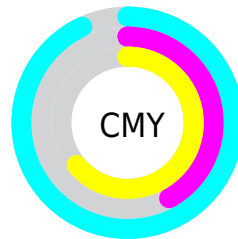
- Red (7%)
- Green (58%)
- Blue (36%)



- Red (7%)
- Yellow (40%)
- Blue (58%)



- Cyan (88%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (93%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12955B 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 12955B by changing the saturation by 10% instead.

 12955B

 12955B

FFFFFF

 007B43

 5ACC8E

 00612C

 77E9A8

 004816

 94FFC4

 003100

 B1FFE0

 001800

 CEFFFC

 000000

 ECFFFF

 12955B

 12955B

 039554

 219562

■ 009553

■ 309568

■ 3F956F

■ 4E9575

■ 5C957C

■ 6B9583

■ 7A9589

■ 899590

■ 989596

Harmonies

Analogous

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



648E34



12955B



009889

Triad

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



12955B



2F85DB



CF6151

Complementary

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



12955B



95124C

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.



D3597C



12955B



8E73CB

Square

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



12955B



0091D2



BE61A8



B7722F

Rectangle

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



12955B



0097A7



BE61A8



D25D5F

Sweetspot

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



12955B



8FC2AB



4D9512



436154



E0E0E0



616161

Same Dimension

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



12955B



00C26C



128E95



434A47



008A4D



000A06

Inverse Universe

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



95124C



C20056



951912



4A4346



8A003D



0A0005

Previews

White Background



This preview shows how the Hex color 12955B looks on a white background.

Color Contrast Check

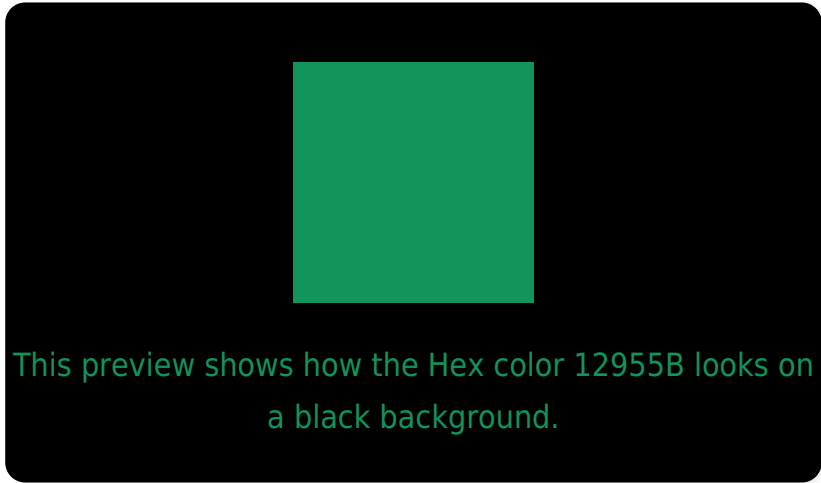
Large Text (above 18pt) WCAG AA ✓ Pass

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 12955B Background



This preview shows how black text looks on a background with the Hex color 12955B.



This preview shows how white text looks on a background with the Hex color 12955B.

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](#).

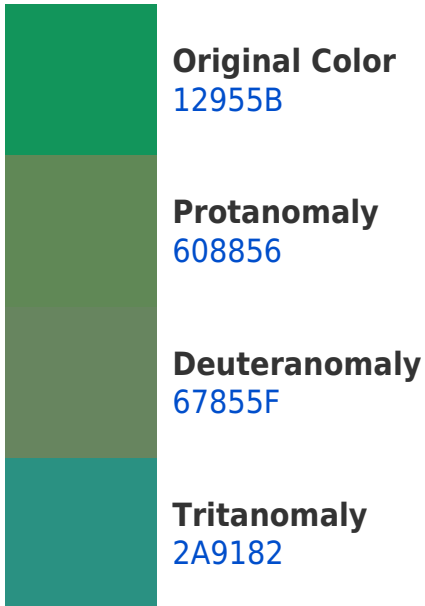
Dichromacy



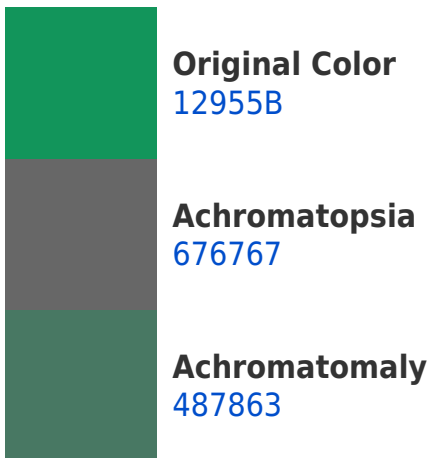


Tritanopia
388E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 12955B 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 #12955B looks like.

```
.text, #text, p{  
    color:#12955B  
}
```

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 #12955B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12955B
}
```

Border

The CSS property to change the border of an element to Hex 12955B 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
#12955B }
```

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

```
.border{ border-color:#12955B }
```

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

Here you see how a box with a 4 pixel #12955B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12955B; -webkit-box-shadow:4px 4px  
4px 4px #12955B; box-shadow:4px 4px 4px  
4px #12955B }
```

Background

The CSS property to change the background color of an element to Hex 12955B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12955B }
```

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

```
.background{ background-color:#12955B }
```

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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