

Converting Colors

Hex(229E65)

Have a look what the booklet for
Hex(229E65) contains.

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Color

Hex(229E65)

Conversions

Conversions Part 1

Format	Color
Hex	229E65
RGB	34, 158, 101
RGB Percent	13%, 62%, 40%
CMY	0.8667, 0.3804, 0.6039
CMYK	0.78, 0.00, 0.36, 0.38
HSL	152°, 65%, 38%
HSV	152°, 78%, 62%
XYZ	15.2355, 25.7334, 16.4760
YIQ	114.4260, -55.6070, -44.0150

Conversions

Conversions Part 2

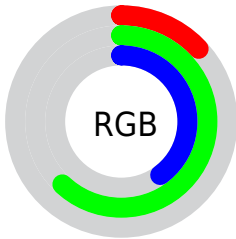
Format	Color
RYB	34, 115, 158
Decimal	2268773
CIELab	57.78, -46.42, 20.64
CIElCh	58, 50.802, 156.034
Yxy	25.7334, 0.2652, 0.4480
Android (android.graphics.Color)	4280458853 (0xFF229E65)
YUV	114.4260, -6.6190, -70.5336
Hunter-Lab	50.7281, -35.1640, 16.2529

Details

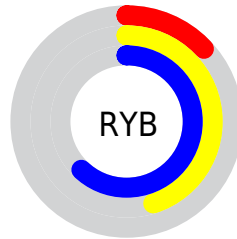
The Hex color **229E65** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9E225B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **63D698**, and **006936** is the 20% darker color. If you saturate the color by 10%, you get **129E5E**, and if you desaturate by 10%, it is **329E6C**.

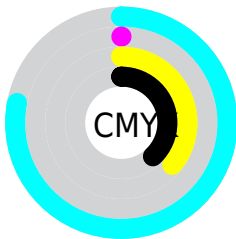
Distribution



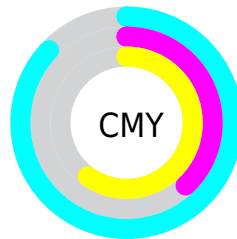
- Red (13%)
- Green (62%)
- Blue (40%)



- Red (13%)
- Yellow (45%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (36%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 229E65 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 229E65 by changing the saturation by 10% instead.



229E65



229E65

FFFFFF



00834D



63D698



006936



81F2B3



00501F



9DFFCF



003809



BBFFEB



002200



D8FFFF



000000



F6FFFF



229E65



229E65



129E5E



329E6C

■ 029E56

■ 429E74

■ 009E55

■ 519E7B

■ 619E82

■ 719E89

■ 819E91

■ 919E98

■ A09E9F

■ B09EA6

Harmonies

Analogous

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



6C973F



229E65



00A193

Triad

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



229E65



438DE3



D76B59

Complementary

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



229E65



9E225B

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.



DC6384



229E65



997BD3

Square

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



229E65



0099DB



C86AB0



C07B38

Rectangle

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



229E65



00A0B0



C86AB0



DB6766

Sweetspot

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



229E65



9DCFB8



5C9E22



4A695B



E8E8E8



696969

Same Dimension

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



229E65



0CCF75



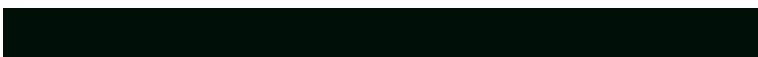
229A9E



474F4B



008F4D



000F08

Inverse Universe

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



9E225B



CF0C66



9E2622



4F474B



8F0042



0F0007

Previews

White Background



This preview shows how the Hex color 229E65 looks on a white background.

Color Contrast Check

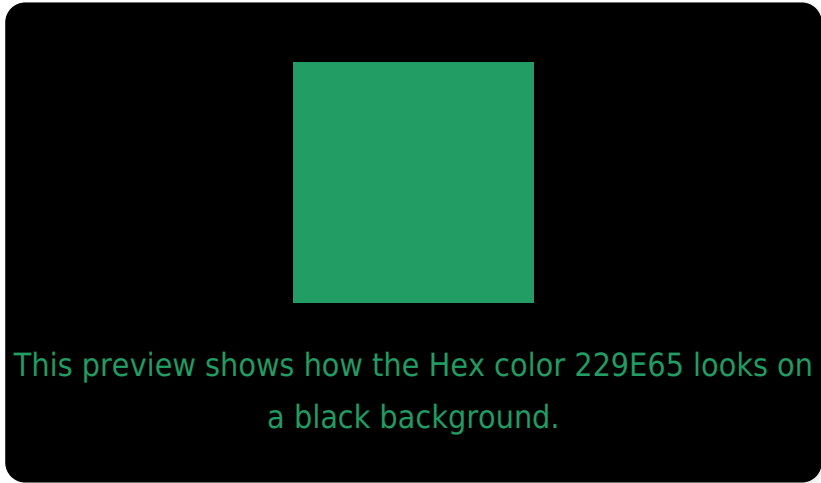
Large Text (above 18pt) WCAG AA ✓ Pass

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 229E65 Background



This preview shows how black text looks on a background with the Hex color 229E65.



This preview shows how white text looks on a background with the Hex color 229E65.

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
229E65

Protanopia
958A5D

Deuteranopia
A1846B



Tritanopia
4096A3

Trichromacy



Original Color
229E65



Protanomaly
6B9160



Deuteranomaly
738D69



Tritanomaly
35998C

Monochromacy



Original Color
229E65



Achromatopsia
727272



Achromatomaly
55826D

CSS Examples

Text

The CSS property to change the color of the text to Hex 229E65 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 #229E65 looks like.

```
.text, #text, p{  
    color:#229E65  
}
```

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 #229E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229E65
}
```

Border

The CSS property to change the border of an element to Hex 229E65 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
#229E65 }
```

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

```
.border{ border-color:#229E65 }
```

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

Here you see how a box with a 4 pixel #229E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229E65; -webkit-box-shadow:4px 4px  
4px 4px #229E65; box-shadow:4px 4px 4px  
4px #229E65 }
```

Background

The CSS property to change the background color of an element to Hex 229E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229E65 }
```

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

```
.background{ background-color:#229E65 }
```

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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