

Converting Colors

Hex(1E9569)

Have a look what the booklet for
Hex(1E9569) contains.

Hex(1E9569)	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(1E9569)

Conversions

Conversions Part 1

Format	Color
Hex	1E9569
RGB	30, 149, 105
RGB Percent	12%, 58%, 41%
CMY	0.8824, 0.4157, 0.5882
CMYK	0.80, 0.00, 0.30, 0.42
HSL	158°, 66%, 35%
HSV	158°, 80%, 58%
XYZ	13.8327, 22.7908, 17.0346
YIQ	108.4030, -56.8000, -38.9120

Conversions

Conversions Part 2

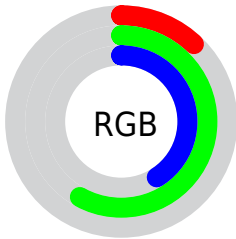
Format	Color
R_{YB}	30, 103, 149
Decimal	2004329
CIE _{Lab}	54.86, -42.41, 14.40
CIE _{LCh}	55, 44.790, 161.248
Yxy	22.7908, 0.2578, 0.4247
Android (android.graphics.Color)	4280194409 (0xFF1E9569)
YUV	108.4030, -1.6777, -68.7594
Hunter-Lab	47.7397, -31.8239, 12.2618

Details

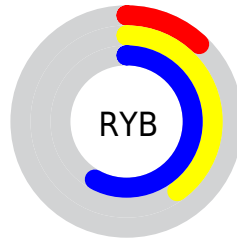
The Hex color **1E9569** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **951E4A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FCC9C**, and **00613A** is the 20% darker color. If you saturate the color by 10%, you get **0F9563**, and if you desaturate by 10%, it is **2D956F**.

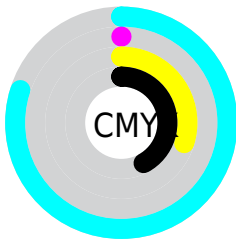
Distribution



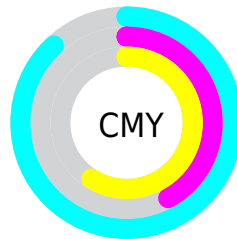
- Red (12%)
- Green (58%)
- Blue (41%)



- Red (12%)
- Yellow (40%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)



- Cyan (88%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E9569 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 1E9569 by changing the saturation by 10% instead.

 1E9569

 1E9569

FFFFFF

 007B51

 5FCC9C

 00613A

 7CE9B7

 004824

 99FFD3

 00310F

 B6FFE9

 001A00

 D3FFFF

 000000

 F1FFFF

 1E9569

 1E9569

 0F9563

 2D956F

■ 00955E

■ 3C9574

■ 4B957A

■ 5A957F

■ 699585

■ 77958A

■ 869590

■ 959595

■ A4959B

Harmonies

Analogous

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



618F46



1E9569



009791

Triad

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



1E9569



5A82CF



C56A52

Complementary

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



1E9569



951E4A

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.



CC6276



1E9569



9973BE

Square

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



1E9569



008ECC



BE669D



AE7839

Rectangle

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



1E9569



0096AA



BE669D



C9665D

Sweetspot

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



1E9569



93C2B1



4C951E



456157



E0E0E0



616161

Same Dimension

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



1E9569



08C27D



1E8795



434A47



008A57



000A06

Inverse Universe

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



951E4A



C2084D



952C1E



4A4345



8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 1E9569 looks on a white background.

Color Contrast Check

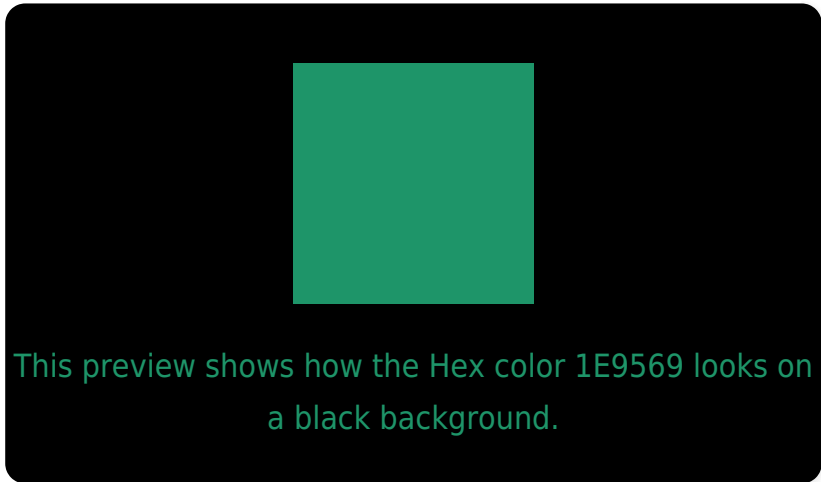
Large Text (above 18pt) WCAG AA ✓ Pass

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

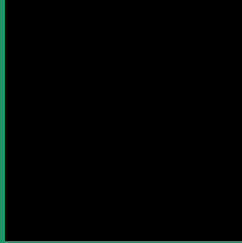
Any Text WCAG AA ✓ Pass

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 1E9569 Background



This preview shows how black text looks on a background with the Hex color 1E9569.

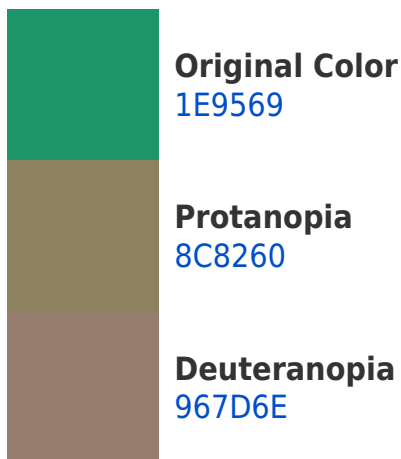


This preview shows how white text looks on a background with the Hex color 1E9569.

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
398F9A

Trichromacy



Original Color
1E9569



Protanomaly
648963



Deuteranomaly
6A866C



Tritanomaly
2F9188

Monochromacy



Original Color
1E9569



Achromatopsia
6C6C6C



Achromatomaly
507B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E9569 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 #1E9569 looks like.

```
.text, #text, p{  
    color:#1E9569  
}
```

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 #1E9569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E9569
}
```

Border

The CSS property to change the border of an element to Hex 1E9569 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
#1E9569 }
```

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

```
.border{ border-color:#1E9569 }
```

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

Here you see how a box with a 4 pixel #1E9569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E9569; -webkit-box-shadow:4px 4px  
4px 4px #1E9569; box-shadow:4px 4px 4px  
4px #1E9569 }
```

Background

The CSS property to change the background color of an element to Hex 1E9569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E9569 }
```

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

```
.background{ background-color:#1E9569 }
```

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