

Converting Colors

Hex(559970)

Have a look what the booklet for
Hex(559970) contains.

Hex(559970)	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(559970)

Conversions

Conversions Part 1

Format	Color
Hex	559970
RGB	85, 153, 112
RGB Percent	33%, 60%, 44%
CMY	0.6667, 0.4000, 0.5608
CMYK	0.44, 0.00, 0.27, 0.40
HSL	144°, 29%, 47%
HSV	144°, 44%, 60%
XYZ	18.0622, 25.8836, 19.3733
YIQ	127.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

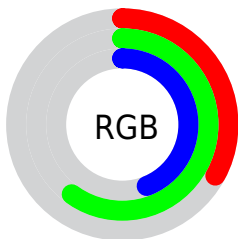
Format	Color
RYB	85, 134, 153
Decimal	5609840
CIELab	57.93, -31.19, 14.97
CIELCh	58, 34.593, 154.358
Yxy	25.8836, 0.2853, 0.4088
Android (android.graphics.Color)	4283799920 (0xFF559970)
YUV	127.9940, -7.8850, -37.7057
Hunter-Lab	50.8759, -25.6611, 13.0358

Details

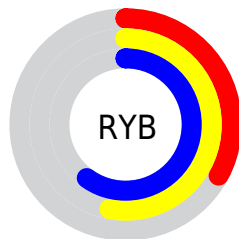
The Hex color **559970** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99557E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8AD0A4**, and **206540** is the 20% darker color. If you saturate the color by 10%, you get **469967**, and if you desaturate by 10%, it is **649979**.

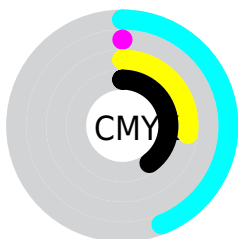
Distribution



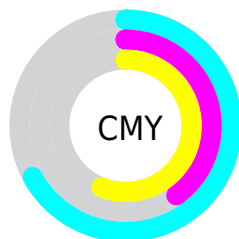
- Red (33%)
- Green (60%)
- Blue (44%)



- Red (33%)
- Yellow (53%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 559970 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 559970 by changing the saturation by 10% instead.

 559970

 559970

FFFFFF

 3B7F57

 8AD0A4

 206540

 A5ECBF

 004D2A

 C1FFDB

 003515

 DEFFF7

 002200

 FBFFFF

 000000

 559970

 559970

 469967

 649979

 36995E

 749982

 279954

 83998C

 18994B

 929995

 089942

 A2999E

 00993D

 B199A7

 C099B1

 CF99BA

 DF99C3

Harmonies

Analogous

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



7A9358



559970



259B8F

Triad

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



559970



658DC7



C3776B

Complementary

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



559970



99557E

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.



C57388



559970



9482BD

Square

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



559970



2895C1



B578A6



B48055

Rectangle

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



559970



009BA3



B578A6



C67574

Sweetspot

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



559970



ADC7B7



7F9955



54635A



E3E3E3



636363

Same Dimension

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



559970



5DC787



559991



454D48



008C38



000D05

Inverse Universe

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



99557E



C75D9D



99555D



4D4549



8C0055



0D0008

Previews

White Background



This preview shows how the Hex color 559970 looks on a white background.

Color Contrast Check

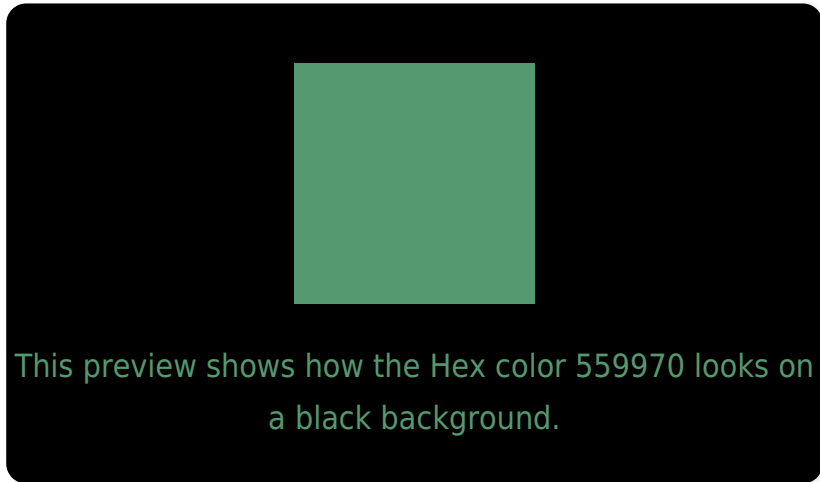
Large Text (above 18pt) WCAG AA ✓ Pass

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

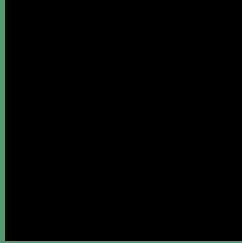
Any Text WCAG AA ✓ Pass

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 559970 Background



This preview shows how black text looks on a background with the Hex color 559970.



This preview shows how white text looks on a background with the Hex color 559970.

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
60939F

Trichromacy



Original Color
559970

Protanomaly
7D8F6C

Deuteranomaly
858C73

Tritanomaly
5C958E

Monochromacy



Original Color
559970

Achromatopsia
808080

Achromatomaly
70897A

CSS Examples

Text

The CSS property to change the color of the text to Hex 559970 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 #559970 looks like.

```
.text, #text, p{  
    color:#559970  
}
```

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 #559970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #559970
}
```

Border

The CSS property to change the border of an element to Hex 559970 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
#559970 }
```

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

```
.border{ border-color:#559970 }
```

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

Here you see how a box with a 4 pixel #559970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #559970; -webkit-box-shadow:4px 4px  
4px 4px #559970; box-shadow:4px 4px 4px  
4px #559970 }
```

Background

The CSS property to change the background color of an element to Hex 559970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#559970 }
```

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

```
.background{ background-color:#559970 }
```

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