

Converting Colors

Hex(90C671)

Have a look what the booklet for
Hex(90C671) contains.

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Color

Hex(90C671)

Conversions

Conversions Part 1

Format	Color
Hex	90C671
RGB	144, 198, 113
RGB Percent	56%, 78%, 44%
CMY	0.4353, 0.2235, 0.5569
CMYK	0.27, 0.00, 0.43, 0.22
HSL	98°, 43%, 61%
HSV	98°, 43%, 78%
XYZ	34.6763, 47.5097, 22.9654
YIQ	172.1640, -4.8990, -37.8830

Conversions

Conversions Part 2

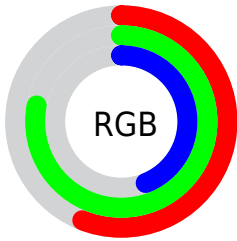
Format	Color
RYB	113, 198, 167
Decimal	9487985
CIELab	74.51, -32.88, 37.01
CIELCh	75, 49.501, 131.615
Yxy	47.5097, 0.3298, 0.4518
Android (android.graphics.Color)	4287678065 (0xFF90C671)
YUV	172.1640, -29.1679, -24.6998
Hunter-Lab	68.9273, -30.8220, 28.4946

Details

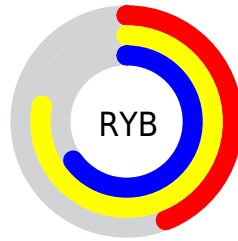
The Hex color **90C671** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A771C6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C7FFA6**, and **5B903F** is the 20% darker color. If you saturate the color by 10%, you get **83C65D**, and if you desaturate by 10%, it is **9DC685**.

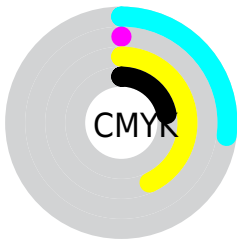
Distribution



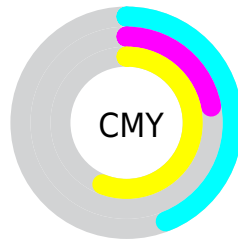
- Red (56%)
- Green (78%)
- Blue (44%)



- Red (44%)
- Yellow (78%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90C671 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 90C671 by changing the saturation by 10% instead.

 90C671

 90C671

FFFFFF

 75AB58

 C7FFA6

 5B903F

 E4FFC2

 417627

 FFFFDE

 275D0D

 FFFFFB

 094500

 002E00

 001800

 000000

 90C671

 90C671

 83C65D

 9DC685

 77C649

 A9C699

 6AC636

 B6C6AC

 5EC622

 C2C6C0

 51C60E

 CFC6D4

 48C600

 DBC6E8

 E8C6FC

 F5C6FF

 FFC6FF

Harmonies

Analogous

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



C2BA5B



90C671



4FCD99

Triad

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



90C671



00C4FF



FF92A7

Complementary

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



90C671



A771C6

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.



FD96D5



90C671



8DB6FF

Square

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



90C671



00CCF2



D2A5FC



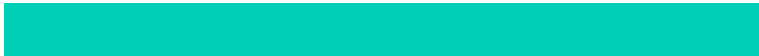
FF9B7D

Rectangle

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



90C671



00CFB8



D2A5FC



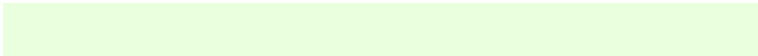
FF92B7

Sweetspot

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



90C671



E AFFDE



C6A771



73806B



000000



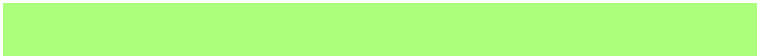
808080

Same Dimension

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



90C671



ABFF7A



71C67C



5D635A



3CA300



0D2400

Inverse Universe

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



A771C6



CF7AFF



C671BB



605A63



6800A3



170024

Previews

White Background



This preview shows how the Hex color 90C671 looks on a white background.

Color Contrast Check

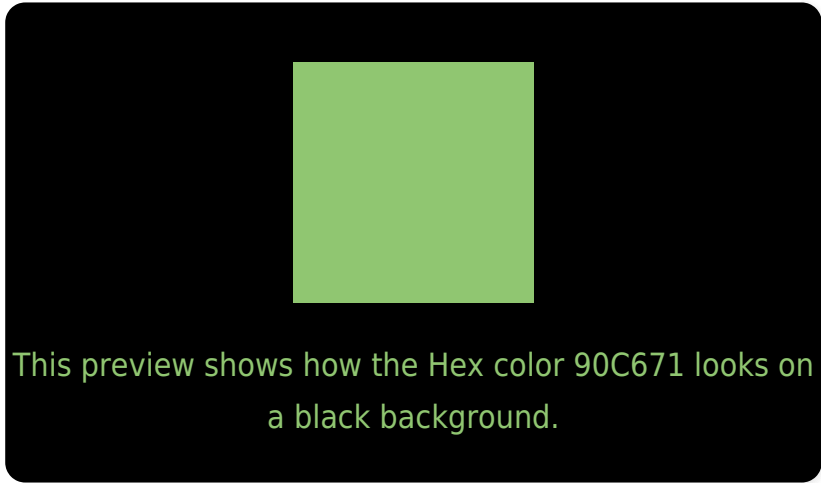
Large Text (above 18pt) WCAG AA × Fail

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 90C671 Background



This preview shows how black text looks on a background with the Hex color 90C671.



This preview shows how white text looks on a background with the Hex color 90C671.

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
90C671

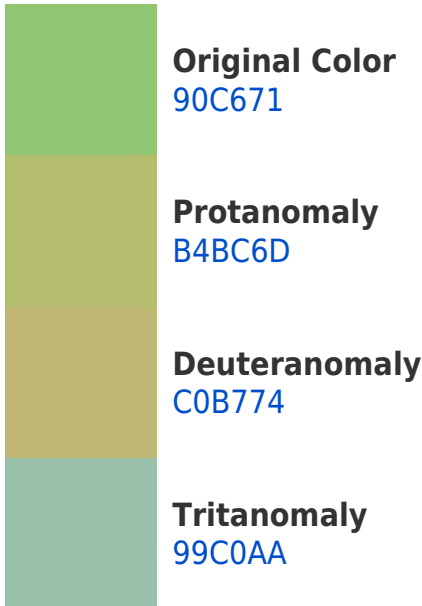
Protanopia
C8B76B

Deuteranopia
DCAF76

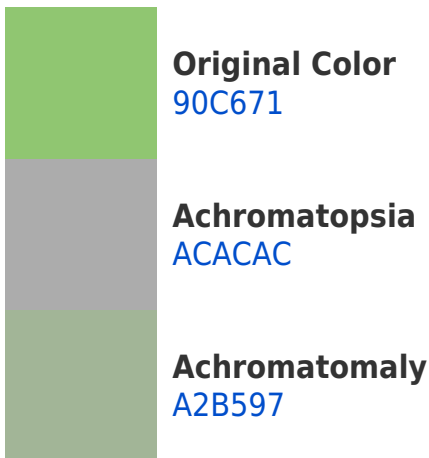


Tritanopia
9EBCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90C671 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 #90C671 looks like.

```
.text, #text, p{  
    color:#90C671  
}
```

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 #90C671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C671
}
```

Border

The CSS property to change the border of an element to Hex 90C671 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
#90C671 }
```

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

```
.border{ border-color:#90C671 }
```

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

Here you see how a box with a 4 pixel #90C671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C671; -webkit-box-shadow:4px 4px  
4px 4px #90C671; box-shadow:4px 4px 4px  
4px #90C671 }
```

Background

The CSS property to change the background color of an element to Hex 90C671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C671 }
```

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

```
.background{ background-color:#90C671 }
```

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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