

Converting Colors

Hex(90CC62)

Have a look what the booklet for
Hex(90CC62) contains.

Hex(90CC62)	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(90CC62)

Conversions

Conversions Part 1

Format	Color
Hex	90CC62
RGB	144, 204, 98
RGB Percent	56%, 80%, 38%
CMY	0.4353, 0.2000, 0.6157
CMYK	0.29, 0.00, 0.52, 0.20
HSL	94°, 51%, 59%
HSV	94°, 52%, 80%
XYZ	35.2991, 49.9969, 19.3452
YIQ	173.9760, -1.7340, -45.6860

Conversions

Conversions Part 2

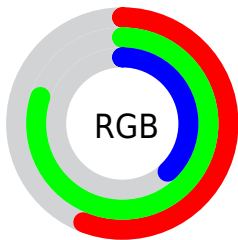
Format	Color
RYB	98, 204, 158
Decimal	9489506
CIELab	76.07, -37.44, 46.30
CIELCh	76, 59.546, 128.961
Yxy	49.9969, 0.3373, 0.4778
Android (android.graphics.Color)	4287679586 (0xFF90CC62)
YUV	173.9760, -37.4562, -26.2890
Hunter-Lab	70.7085, -34.6291, 33.2747

Details

The Hex color **90CC62** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9E62CC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **C8FF97**, and **5A952E** is the 20% darker color. If you saturate the color by 10%, you get **84CC4E**, and if you desaturate by 10%, it is **9CCC76**.

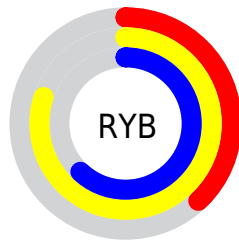
Distribution



Red (56%)

Green (80%)

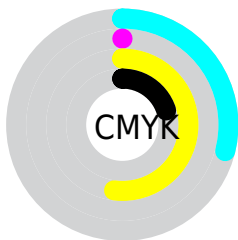
Blue (38%)



Red (38%)

Yellow (80%)

Blue (62%)

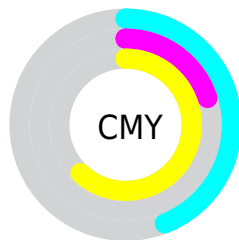


Cyan (29%)

Magenta (0%)

Yellow (52%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90CC62 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 90CC62 by changing the saturation by 10% instead.



90CC62



90CC62

FFFFFF



75B048



C8FF97



5A952E



E5FFB3



3F7B12



FFFFCF



236200



FFFFEB



004900



003200



001D00



000000



90CC62



90CC62

 84CC4E

 9CCC76

 79CC39

 A7CC8B

 6DCC25

 B3CC9F

 62CC10

 BECCB4

 59CC00

 CACCC8

 D5CCDC

 E1CCF1

 ECCCCF

 F8CCFF

Harmonies

Analogous

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



CBBE49



90CC62



34D492

Triad

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



90CC62



00CCFF



FF8BAD

Complementary

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



90CC62



9E62CC

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.



FF92E4



90CC62



77BCFF

Square

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



90CC62



00D5FF



D5A6FF



FF9679

Rectangle

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



90CC62



00D7B8



D5A6FF



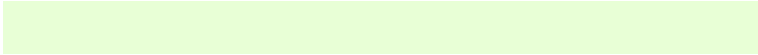
FF8CC0

Sweetspot

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



90CC62



E8FFD6



CC9C62



728067



000000



808080

Same Dimension

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



90CC62



A6FF61



62CC67



60665C



48A600



112600

Inverse Universe

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



9E62CC



BA61FF



CC62C7



625C66



5E00A6



160026

Previews

White Background



This preview shows how the Hex color 90CC62 looks on a white background.

Color Contrast Check

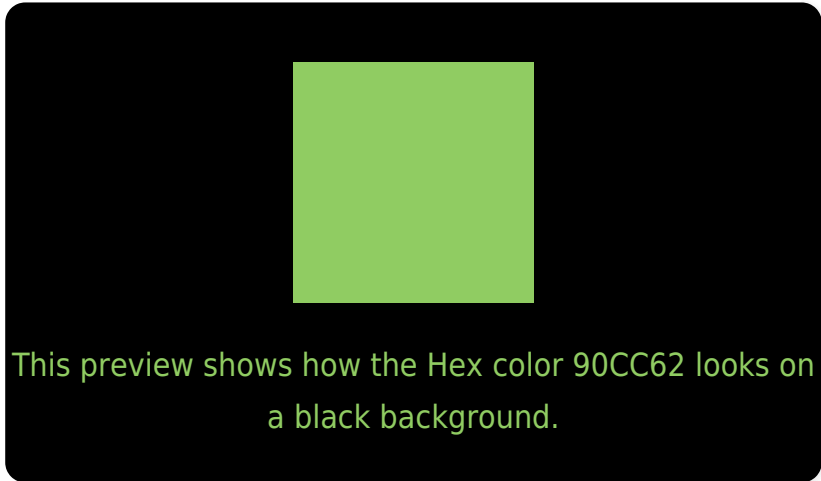
Large Text (above 18pt) WCAG AA × Fail

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 90CC62 Background



This preview shows how black text looks on a background with the Hex color 90CC62.



This preview shows how white text looks on a background with the Hex color 90CC62.

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

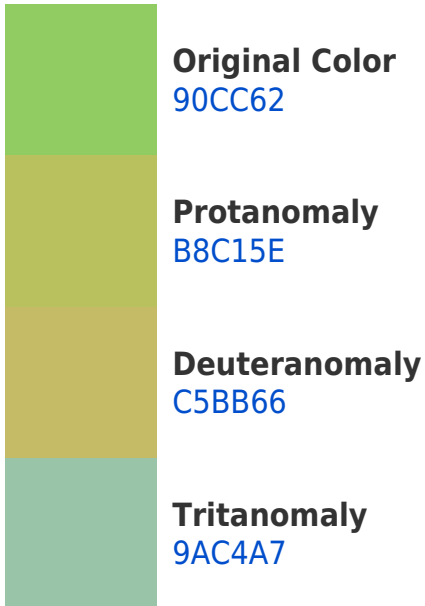


Original Color
90CC62

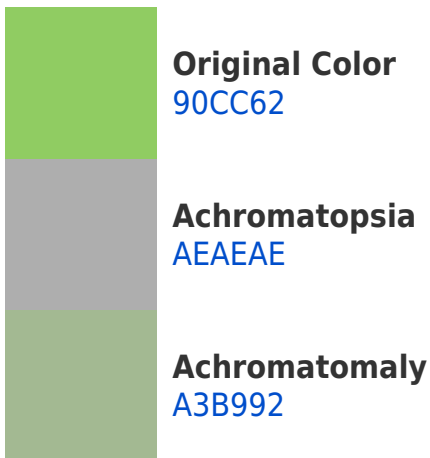
Protanopia
CFBB5C

Deuteranopia
E4B269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90CC62 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 #90CC62 looks like.

```
.text, #text, p{  
    color:#90CC62  
}
```

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 #90CC62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90CC62
}
```

Border

The CSS property to change the border of an element to Hex 90CC62 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
#90CC62 }
```

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

```
.border{ border-color:#90CC62 }
```

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

Here you see how a box with a 4 pixel #90CC62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90CC62; -webkit-box-shadow:4px 4px  
4px 4px #90CC62; box-shadow:4px 4px 4px  
4px #90CC62 }
```

Background

The CSS property to change the background color of an element to Hex 90CC62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90CC62 }
```

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

```
.background{ background-color:#90CC62 }
```

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