

Converting Colors

Hex(90C15B)

Have a look what the booklet for
Hex(90C15B) contains.

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Color

Hex(90C15B)

Conversions

Conversions Part 1

Format	Color
Hex	90C15B
RGB	144, 193, 91
RGB Percent	56%, 76%, 36%
CMY	0.4353, 0.2431, 0.6431
CMYK	0.25, 0.00, 0.53, 0.24
HSL	89°, 45%, 56%
HSV	89°, 53%, 76%
XYZ	32.4599, 44.8246, 16.8387
YIQ	166.7210, 3.5380, -42.1100

Conversions

Conversions Part 2

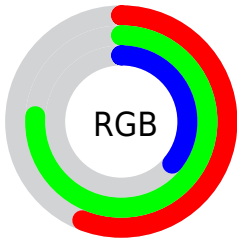
Format	Color
RYB	91, 193, 140
Decimal	9486683
CIELab	72.78, -33.16, 45.71
CIELCh	73, 56.472, 125.961
Yxy	44.8246, 0.3449, 0.4762
Android (android.graphics.Color)	4287676763 (0xFF90C15B)
YUV	166.7210, -37.3305, -19.9263
Hunter-Lab	66.9511, -30.6224, 31.9539

Details

The Hex color **90C15B** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8C5BC1**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C8FA90**, and **5A8B28** is the 20% darker color. If you saturate the color by 10%, you get **87C148**, and if you desaturate by 10%, it is **99C16E**.

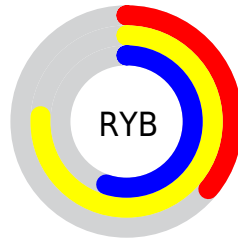
Distribution



Red (56%)

Green (76%)

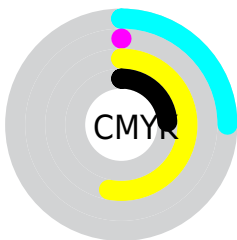
Blue (36%)



Red (36%)

Yellow (76%)

Blue (55%)

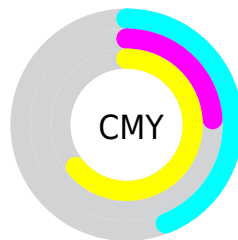


Cyan (25%)

Magenta (0%)

Yellow (53%)

Black (24%)



Cyan (44%)

Magenta (24%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90C15B 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 90C15B by changing the saturation by 10% instead.

 90C15B

 90C15B

FFFFFF

 75A641

 C8FA90

 5A8B28

 E5FFAB

 407109

 FFFFC7

 255900

 FFFF E3

 064100

 002A00

 001100

 000000

 90C15B

 90C15B

 87C148

 99C16E

 7DC134

 A3C182

 74C121

 ACC195

 6BC10E

 B5C1A8

 64C100

 BEC1BB

 C8C1CF

 D1C1E2

 DAC1F5

 E3C1FF

Harmonies

Analogous

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



C6B346



90C15B



43C987

Triad

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



90C15B



00C3FF



FF85AA

Complementary

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



90C15B



8C5BC1

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.



FA8EDE



90C15B



67B5FF

Square

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



90C15B



00CBEE



C4A1FF



FF8E79

Rectangle

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



90C15B



00CCAA



C4A1FF



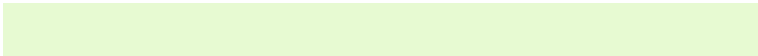
FF86BC

Sweetspot

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



90C15B



E7FAD2



C18B5B



727D65



FCFCFC



7D7D7D

Same Dimension

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



90C15B



AEFA5C



5EC15B



5C6157



53A100



112100

Inverse Universe

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



8C5BC1



A85CFA



BE5BC1



5C5761



4D00A1



100021

Previews

White Background



This preview shows how the Hex color 90C15B looks on a white background.

Color Contrast Check

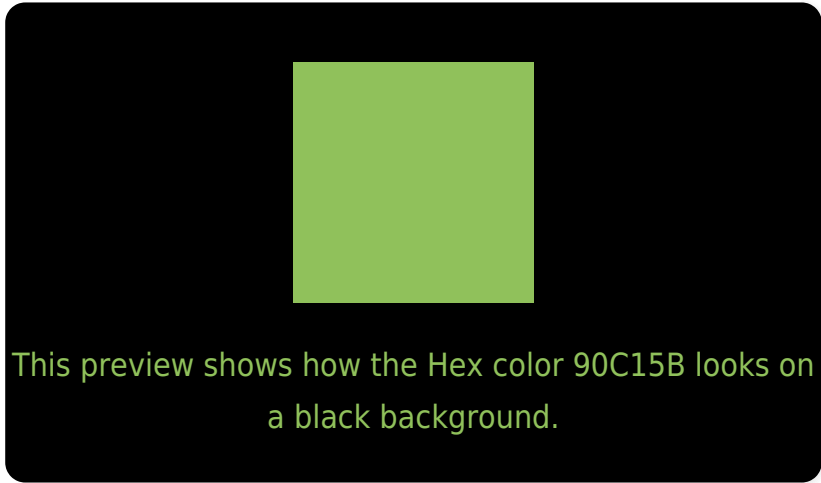
Large Text (above 18pt) WCAG AA × Fail

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 90C15B Background



This preview shows how black text looks on a background with the Hex color 90C15B.

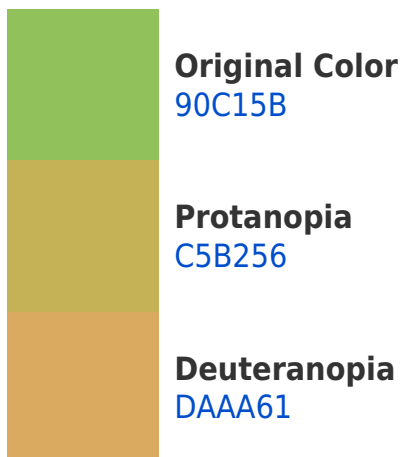


This preview shows how white text looks on a background with the Hex color 90C15B.

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](#).

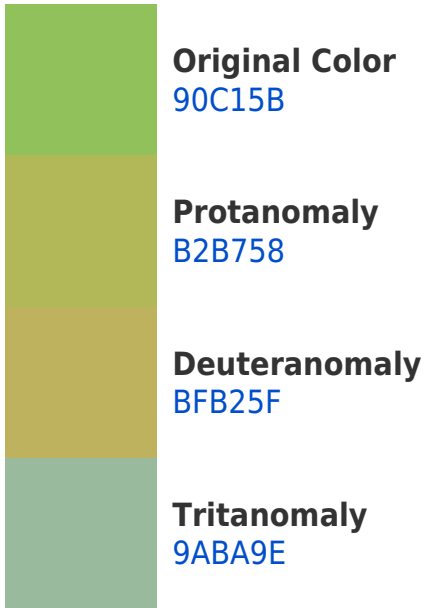
Dichromacy



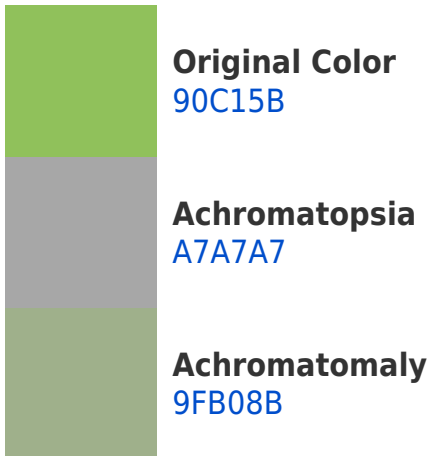


Tritanopia
9FB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90C15B 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 #90C15B looks like.

```
.text, #text, p{  
    color:#90C15B  
}
```

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 #90C15B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90C15B
}
```

Border

The CSS property to change the border of an element to Hex 90C15B 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
#90C15B }
```

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

```
.border{ border-color:#90C15B }
```

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

Here you see how a box with a 4 pixel #90C15B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90C15B; -webkit-box-shadow:4px 4px  
4px 4px #90C15B; box-shadow:4px 4px 4px  
4px #90C15B }
```

Background

The CSS property to change the background color of an element to Hex 90C15B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90C15B }
```

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

```
.background{ background-color:#90C15B }
```

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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