

Converting Colors

Hex(95BE17)

Have a look what the booklet for
Hex(95BE17) contains.

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Color

Hex(95BE17)

Conversions

Conversions Part 1

Format	Color
Hex	95BE17
RGB	149, 190, 23
RGB Percent	58%, 75%, 9%
CMY	0.4157, 0.2549, 0.9098
CMYK	0.22, 0.00, 0.88, 0.25
HSL	75°, 78%, 42%
HSV	75°, 88%, 75%
XYZ	30.9625, 43.2783, 7.5323
YIQ	158.7030, 29.1710, -60.6290

Conversions

Conversions Part 2

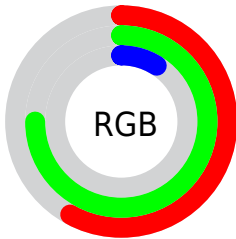
Format	Color
RYB	23, 190, 64
Decimal	9813527
CIELab	71.74, -34.17, 69.18
CIELCh	72, 77.159, 116.286
Yxy	43.2783, 0.3786, 0.5292
Android (android.graphics.Color)	4288003607 (0xFF95BE17)
YUV	158.7030, -66.9016, -8.5095
Hunter-Lab	65.7863, -31.1143, 39.2619

Details

The Hex color **95BE17** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4017BE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CFF658**, and **5D8800** is the 20% darker color. If you saturate the color by 10%, you get **90BE04**, and if you desaturate by 10%, it is **9ABE2A**.

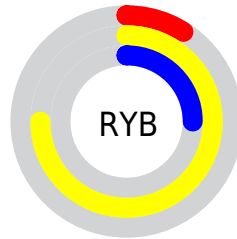
Distribution



Red (58%)

Green (75%)

Blue (9%)



Red (9%)

Yellow (75%)

Blue (25%)

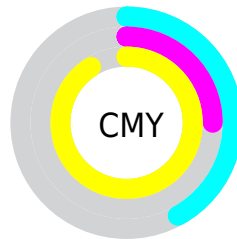


Cyan (22%)

Magenta (0%)

Yellow (88%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95BE17 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 95BE17 by changing the saturation by 10% instead.



95BE17



95BE17

FFFFFF



79A300



CFF658



5D8800



EDFF75



416F00



FFFF91



245600



FFFFAD



003F00



FFFCA



002900



FFFFE7



000C00



000000



95BE17



95BE17

 90BE04

 9ABE2A

 8FBE00

 9EBE3D

 A3BE50

 A8BE63

 ACBE76

 B1BE89

 B6BE9C

 BABEAF

 BFBEC2

Harmonies

Analogous

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



D9AA00



95BE17



1BCA5D

Triad

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



95BE17



00CAFF



FF68BC

Complementary

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



95BE17



4017BE

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.



FC80FF



95BE17



00BBFF

Square

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



95BE17



00D0EC



9DA1FF



FF7076

Rectangle

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



95BE17



00CE8C



9DA1FF



FF6DD3

Sweetspot

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



95BE17



E8F7B7



BE3E17



737D56



FCFCFC



7D7D7D

Same Dimension

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



95BE17



BBF700



44BE17



5C5E55



779E00



171F00

Inverse Universe

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



4017BE



3D00F7



9117BE



57555E



27009E



08001F

Previews

White Background



This preview shows how the Hex color 95BE17 looks on a white background.

Color Contrast Check

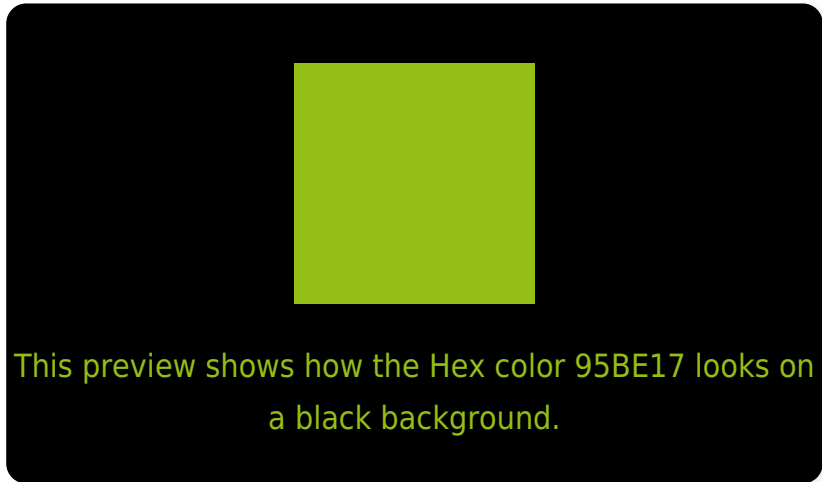
Large Text (above 18pt) WCAG AA × Fail

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 95BE17 Background



This preview shows how black text looks on a background with the Hex color 95BE17.



This preview shows how white text looks on a background with the Hex color 95BE17.

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
95BE17

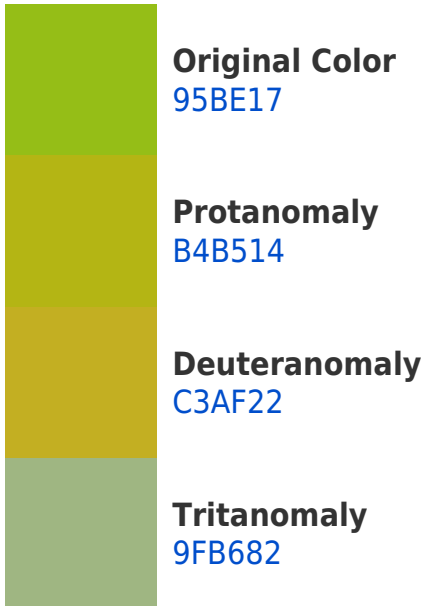
Protanopia
C6B012

Deuteranopia
DDA628

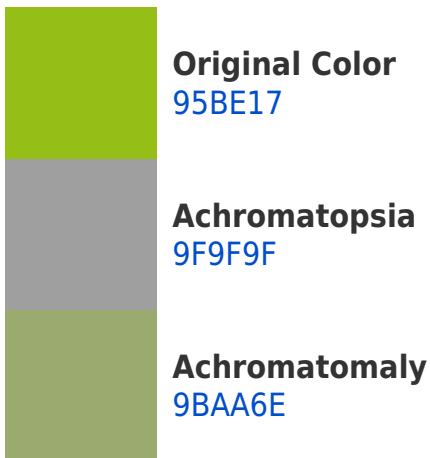


Tritanopia
A5B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95BE17 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 #95BE17 looks like.

```
.text, #text, p{  
    color:#95BE17  
}
```

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 #95BE17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BE17  
}
```

Border

The CSS property to change the border of an element to Hex 95BE17 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  
#95BE17 }
```

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

```
.border{ border-color:#95BE17 }
```

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

Here you see how a box with a 4 pixel #95BE17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BE17; -webkit-box-shadow:4px 4px  
4px 4px #95BE17; box-shadow:4px 4px 4px  
4px #95BE17 }
```

Background

The CSS property to change the background color of an element to Hex 95BE17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BE17 }
```

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

```
.background{ background-color:#95BE17 }
```

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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