

Converting Colors

Hex(95BF0D)

Have a look what the booklet for
Hex(95BF0D) contains.

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Color

Hex(95BF0D)

Conversions

Conversions Part 1

Format	Color
Hex	95BF0D
RGB	149, 191, 13
RGB Percent	58%, 75%, 5%
CMY	0.4157, 0.2510, 0.9490
CMYK	0.22, 0.00, 0.93, 0.25
HSL	74°, 87%, 40%
HSV	74°, 93%, 75%
XYZ	31.0979, 43.6802, 7.1729
YIQ	158.1500, 32.1060, -64.2620

Conversions

Conversions Part 2

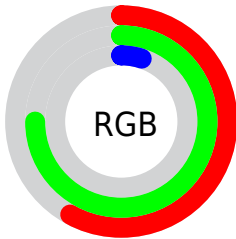
Format	Color
RYB	13, 191, 55
Decimal	9813773
CIELab	72.01, -34.84, 70.97
CIELCh	72, 79.063, 116.143
Yxy	43.6802, 0.3795, 0.5330
Android (android.graphics.Color)	4288003853 (0xFF95BF0D)
YUV	158.1500, -71.5589, -8.0245
Hunter-Lab	66.0910, -31.6695, 39.8290

Details

The Hex color **95BF0D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **370DBF**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CFF754**, and **5C8900** is the 20% darker color. If you saturate the color by 10%, you get **92BF00**, and if you desaturate by 10%, it is **9ABF20**.

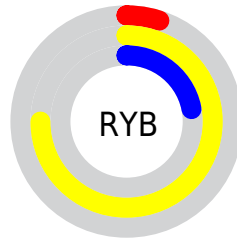
Distribution



Red (58%)

Green (75%)

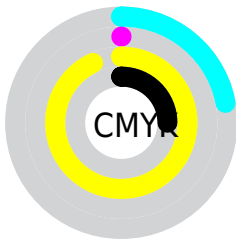
Blue (5%)



Red (5%)

Yellow (75%)

Blue (22%)

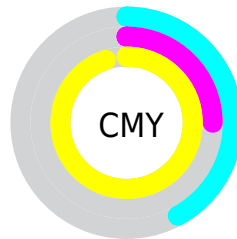


Cyan (22%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95BF0D 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 95BF0D by changing the saturation by 10% instead.

 95BF0D

 95BF0D

FFFFFF

 79A400

 CFF754

 5C8900

 EDFF71

 417000

 FFFF8D

 235700

 FFFFAA

 003F00

 FFFFC7

 002900

 FFFF E4

 000D00

 000000

 95BF0D

 95BF0D

■ 92BF00

■ 9ABF20

■ 9EBF33

■ A3BF46

■ A7BF59

■ ACBF6D

■ B0BF80

■ B5BF93

■ B9BFA6

■ BEBFB9

Harmonies

Analogous

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



DBAA00



95BF0D



0ECB5B

Triad

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



95BF0D



00CBFF



FF66BD

Complementary

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



95BF0D



370DBF

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.



FE7FFF



95BF0D



00BCFF

Square

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



95BF0D



00D1EE



9BA1FF



FF6E75

Rectangle

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



95BF0D



00D08B



9BA1FF



FF6BD5

Sweetspot

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



95BF0D



E7F7B2



BF370D



737D52



FCFCFC



7D7D7D

Same Dimension

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



95BF0D



BDF700



3CBF0D



5C5E55



799E00



171F00

Inverse Universe

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



370DBF



3A00F7



900DBF



57555E



25009E



07001F

Previews

White Background



This preview shows how the Hex color 95BF0D looks on a white background.

Color Contrast Check

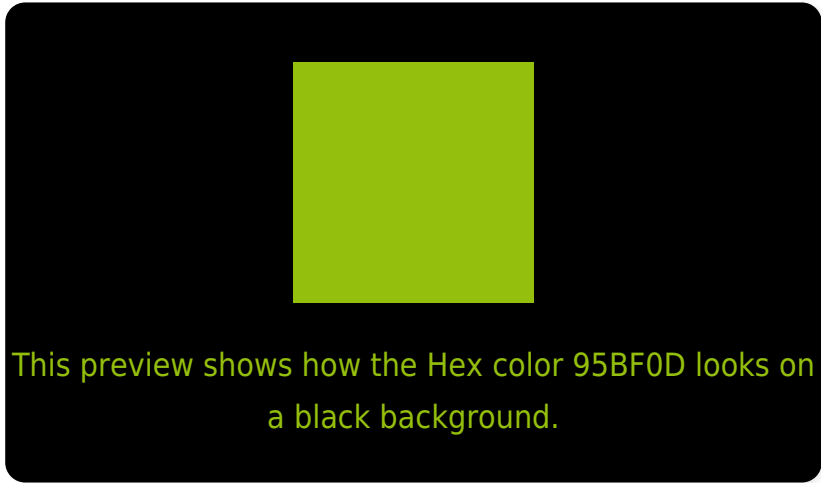
Large Text (above 18pt) WCAG AA × Fail

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 95BF0D Background



This preview shows how black text looks on a background with the Hex color 95BF0D.

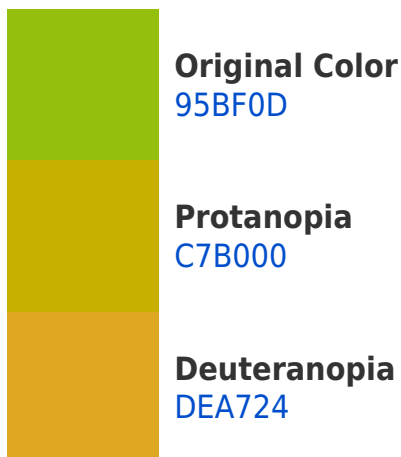


This preview shows how white text looks on a background with the Hex color 95BF0D.

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
A5B2C0

Trichromacy



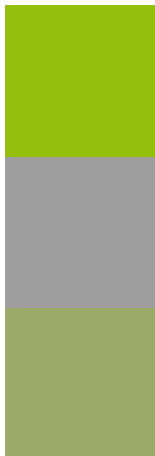
Original Color
95BF0D

Protanomaly
B5B505

Deuteranomaly
C3B01C

Tritanomaly
9FB77F

Monochromacy



Original Color
95BF0D

Achromatopsia
9E9E9E

Achromatomaly
9BAA69

CSS Examples

Text

The CSS property to change the color of the text to Hex 95BF0D 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 #95BF0D looks like.

```
.text, #text, p{  
    color:#95BF0D  
}
```

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 #95BF0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95BF0D
}
```

Border

The CSS property to change the border of an element to Hex 95BF0D 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
#95BF0D }
```

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

```
.border{ border-color:#95BF0D }
```

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

Here you see how a box with a 4 pixel #95BF0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95BF0D; -webkit-box-shadow:4px 4px  
4px 4px #95BF0D; box-shadow:4px 4px 4px  
4px #95BF0D }
```

Background

The CSS property to change the background color of an element to Hex 95BF0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95BF0D }
```

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

```
.background{ background-color:#95BF0D }
```

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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