

# Converting Colors

Hex(94DB06)

Have a look what the booklet for  
Hex(94DB06) contains.

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**Color**

**Hex(94DB06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94DB06
RGB	148, 219, 6
RGB Percent	58%, 86%, 2%
CMY	0.4196, 0.1412, 0.9765
CMYK	0.32, 0.00, 0.97, 0.14
HSL	80°, 95%, 44%
HSV	80°, 97%, 86%
XYZ	37.5771, 56.9721, 9.1885
YIQ	173.4890, 26.0570, -81.2950

# Conversions

## Conversions Part 2

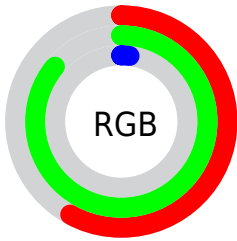
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 219, 77
Decimal	9755398
CIELab	80.16, -47.53, 78.07
CIELCh	80, 91.403, 121.331
Yxy	56.9721, 0.3622, 0.5492
Android (android.graphics.Color)	4287945478 (0xFF94DB06)
YUV	173.4890, -82.5721, -22.3539
Hunter-Lab	75.4799, -43.2247, 45.6183

# Details

The Hex color **94DB06** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4D06DB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CFFF58**, and **59A400** is the 20% darker color. If you saturate the color by 10%, you get **92DB00**, and if you desaturate by 10%, it is **9BDB1C**.

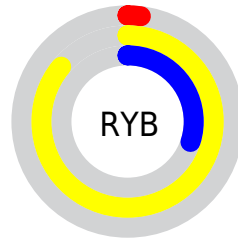
# Distribution



Red (58%)

Green (86%)

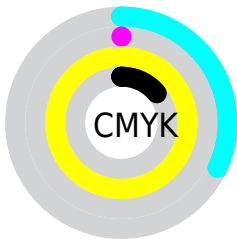
Blue (2%)



Red (2%)

Yellow (86%)

Blue (30%)

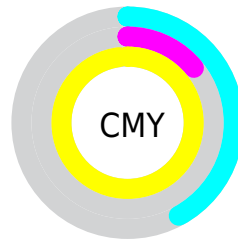


Cyan (32%)

Magenta (0%)

Yellow (97%)

Black (14%)



Cyan (42%)

Magenta (14%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94DB06 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 94DB06 by changing the saturation by 10% instead.



 94DB06

 94DB06

FFFFFF

 77BF00

 CFFF58

 59A400

 EDFF75

 3A8900

 FFFF93

 146F00

 FFFFB0

 005600

 FFFFCD

 003E00

 FFFFEB

 002800

 000100

 000000

 94DB06

 94DB06

 92DB00

 9BDB1C

 A3DB32

 AADB48

 B1DB5E

 B9DB73

 C0DB89

 C7DB9F

 CEDBB5

 D6DBC B

# Harmonies

## Analogous

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



EAC400



94DB06



00E870

# Triad

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



94DB06



00E4FF



FF68C7

# Complementary

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



94DB06



4D06DB

# 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.



FF83FF



94DB06



00D0FF

# Square

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



94DB06



00EDFF



C7AEFF



FF7B73

# Rectangle

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



94DB06



00ECAA



C7AEFF



FF6DE3

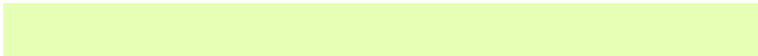


# Sweetspot

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



94DB06



E6FFB5



DB4D06



718053



000000



808080



# Same Dimension

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



94DB06



AAFF00



29DB06



6A6E63



74AD00



1F2E00



# Inverse Universe

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



4D06DB



5500FF



B806DB



66636E



3A00AD



0F002E



# Previews

## White Background



This preview shows how the Hex color 94DB06 looks on a white background.

## Color Contrast Check

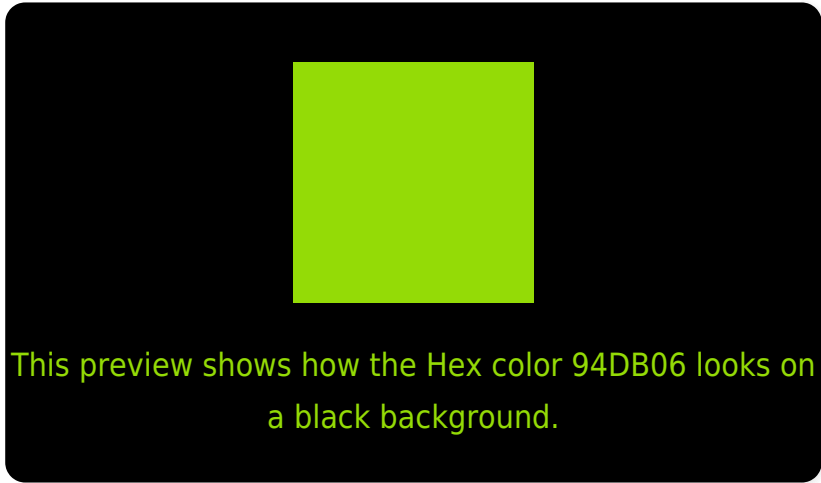
Large Text (above 18pt) WCAG AA × Fail

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 94DB06 Background



This preview shows how black text looks on a background with the Hex color 94DB06.



This preview shows how white text looks on a background with the Hex color 94DB06.

# 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**  
94DB06

**Protanopia**  
DFC600

**Deuteranopia**  
F9BC2A



# Trichromacy



**Original Color**  
94DB06



**Protanomaly**  
C4CE02



**Deuteranomaly**  
D4C71D

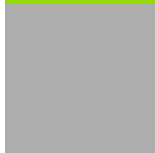


**Tritanomaly**  
A2D18E

# Monochromacy



**Original Color**  
94DB06



**Achromatopsia**  
ADADAD



**Achromatomaly**  
A4BE70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94DB06 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 #94DB06 looks like.

```
.text, #text, p{  
    color:#94DB06  
}
```

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 #94DB06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94DB06
}
```

## Border

The CSS property to change the border of an element to Hex 94DB06 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
#94DB06 }
```

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

```
.border{ border-color:#94DB06 }
```

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

Here you see how a box with a 4 pixel #94DB06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94DB06; -webkit-box-shadow:4px 4px  
4px 4px #94DB06; box-shadow:4px 4px 4px  
4px #94DB06 }
```

# Background

The CSS property to change the background color of an element to Hex 94DB06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94DB06 }
```

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

```
.background{ background-color:#94DB06 }
```

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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