

Converting Colors

Hex(94E400)

Have a look what the booklet for
Hex(94E400) contains.

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Color

Hex(94E400)

Conversions

Conversions Part 1

Format	Color
Hex	94E400
RGB	148, 228, 0
RGB Percent	58%, 89%, 0%
CMY	0.4196, 0.1059, 1.0000
CMYK	0.35, 0.00, 1.00, 0.11
HSL	81°, 100%, 45%
HSV	81°, 100%, 89%
XYZ	39.9561, 61.7827, 9.8193
YIQ	178.0880, 25.5080, -87.8680

Conversions

Conversions Part 2

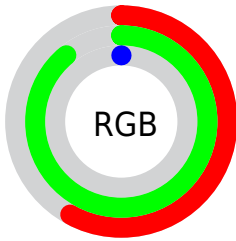
Format	Color
RYB	0, 228, 80
Decimal	9757696
CIELab	82.80, -51.29, 80.65
CIELCh	83, 95.582, 122.456
Yxy	61.7827, 0.3582, 0.5538
Android (android.graphics.Color)	4287947776 (0xFF94E400)
YUV	178.0880, -87.7974, -26.3872
Hunter-Lab	78.6020, -46.8156, 47.6146

Details

The Hex color **94E400** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **5000E4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D0FF58**, and **58AC00** is the 20% darker color. If you saturate the color by 10%, you get **94E400**, and if you desaturate by 10%, it is **9CE417**.

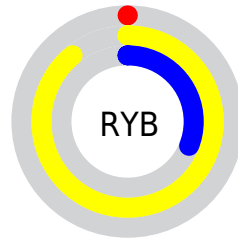
Distribution



Red (58%)

Green (89%)

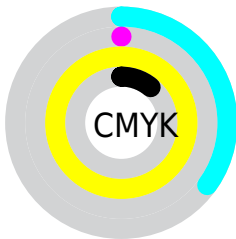
Blue (0%)



Red (0%)

Yellow (89%)

Blue (31%)

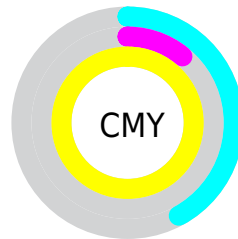


Cyan (35%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (42%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94E400 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 94E400 by changing the saturation by 10% instead.

 94E400

 94E400

FFFFFF

 76C800

 D0FF58

 58AC00

 EEEF76

 389100

 FFFF94

 0B7700

 FFFFB1

 005D00

 FFFFCF

 004500

 FFFFEC

 002E00

 001100

 000000

 94E400

 9CE417

 A4E42E

 ACE444

 B4E45B

 BCE472

 C4E489

 CCE4A0

 D4E4B6

 DCE4CD

Harmonies

Analogous

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



F0CD00



94E400



00F175

Triad

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



94E400



00EDFF



FF69CB

Complementary

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



94E400



5000E4

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.



FF85FF



94E400



00D7FF

Square

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



94E400



00F6FF



D3B2FF



FF7F73

Rectangle

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



94E400



00F5B4



D3B2FF



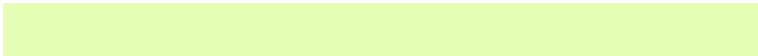
FF6DE9

Sweetspot

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



94E400



E4FFB3



E45000



6F8052



000000



808080

Same Dimension

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



94E400



A6FF00



22E400



6F7367



74B300



213300

Inverse Universe

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



5000E4



5900FF



C200E4



6B6773



3F00B3



120033

Previews

White Background



This preview shows how the Hex color 94E400 looks on a white background.

Color Contrast Check

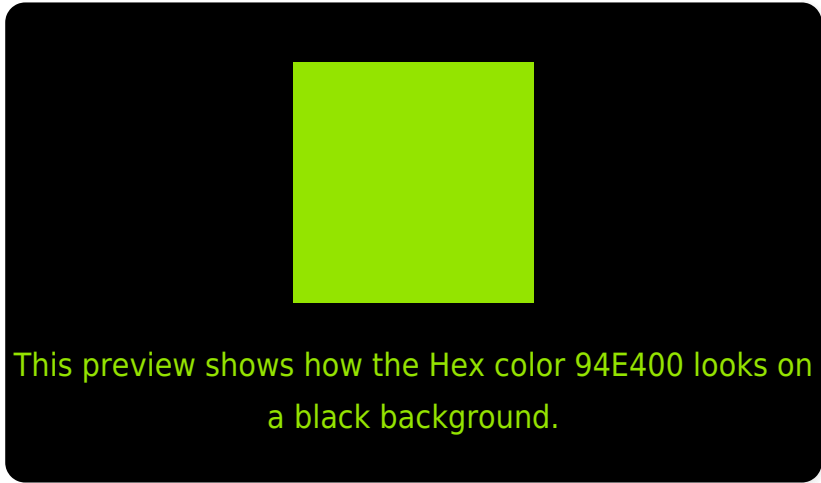
Large Text (above 18pt) WCAG AA × Fail

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 94E400 Background



This preview shows how black text looks on a background with the Hex color 94E400.



This preview shows how white text looks on a background with the Hex color 94E400.

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
94E400

Protanopia
E7CE00

Deuteranopia
FFC349

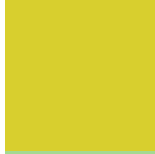
Trichromacy



Original Color
94E400



Protanomaly
C9D600



Deuteranomaly
D8CF2E

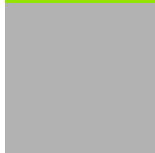


Tritanomaly
A3DA92

Monochromacy



Original Color
94E400



Achromatopsia
B2B2B2



Achromatomaly
A7C471

CSS Examples

Text

The CSS property to change the color of the text to Hex 94E400 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 #94E400 looks like.

```
.text, #text, p{  
    color:#94E400  
}
```

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 #94E400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94E400
}
```

Border

The CSS property to change the border of an element to Hex 94E400 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
#94E400 }
```

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

```
.border{ border-color:#94E400 }
```

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

Here you see how a box with a 4 pixel #94E400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94E400; -webkit-box-shadow:4px 4px  
4px 4px #94E400; box-shadow:4px 4px 4px  
4px #94E400 }
```

Background

The CSS property to change the background color of an element to Hex 94E400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94E400 }
```

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

```
.background{ background-color:#94E400 }
```

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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