

Converting Colors

Hex(99F510)

Have a look what the booklet for
Hex(99F510) contains.

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Color

Hex(99F510)

Conversions

Conversions Part 1

Format	Color
Hex	99F510
RGB	153, 245, 16
RGB Percent	60%, 96%, 6%
CMY	0.4000, 0.0392, 0.9373
CMYK	0.38, 0.00, 0.93, 0.04
HSL	84°, 92%, 51%
HSV	84°, 93%, 96%
XYZ	45.8828, 72.1145, 11.9914
YIQ	191.3860, 18.6770, -90.7230

Conversions

Conversions Part 2

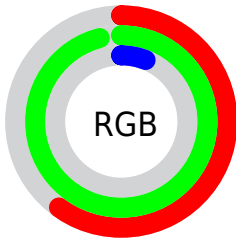
Format	Color
R_{YB}	16, 245, 108
Decimal	10089744
CIE _{Lab}	88.02, -56.15, 83.48
CIE _{LCh}	88, 100.610, 123.923
Yxy	72.1145, 0.3530, 0.5548
Android (android.graphics.Color)	4288279824 (0xFF99F510)
YUV	191.3860, -86.4653, -33.6645
Hunter-Lab	84.9203, -52.1661, 51.0720

Details

The Hex color **99F510** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **6C10F5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D6FF5F**, and **5CBC00** is the 20% darker color. If you saturate the color by 10%, you get **93F500**, and if you desaturate by 10%, it is **A3F529**.

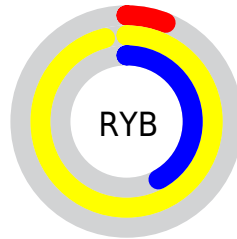
Distribution



Red (60%)

Green (96%)

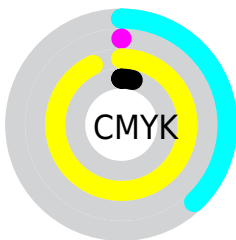
Blue (6%)



Red (6%)

Yellow (96%)

Blue (42%)

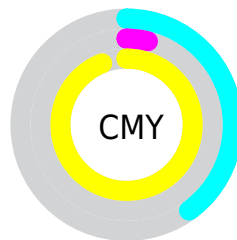


Cyan (38%)

Magenta (0%)

Yellow (93%)

Black (4%)



Cyan (40%)

Magenta (4%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99F510 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 99F510 by changing the saturation by 10% instead.

 99F510

 99F510

FFFFFF

 7BD800

 D6FF5F

 5CBC00

 F4FF7E

 3AA100

 FFFF9B

 0B8600

 FFFFB9

 006C00

 FFFFD7

 005200


 FFFFF5

 003A00

 002300

 000000

 99F510

 99F510

 93F500

 A3F529

 ADF541

 B7F55A

 C0F572

 CAF58B

 D4F5A3

 DEF5BC

 E8F5D4

 F2F5ED

Harmonies

Analogous

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



FDDD00



99F510



00FF83

Triad

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



99F510



00FCFF



FF71D4

Complementary

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



99F510



6C10F5

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.



FF8CFF



99F510



00E5FF

Square

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



99F510



00FFFF



EABDFF



FF8A77

Rectangle

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



99F510



00FFC5



EABDFF



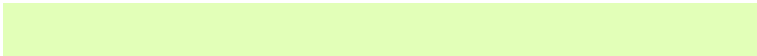
FF74F5

Sweetspot

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



99F510



E2FFB8



F56C10



6E8054



000000



808080

Same Dimension

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



99F510



99FF00



27F510



757A6E



6FBA00



233B00

Inverse Universe

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



6C10F5



6600FF



DE10F5



736E7A



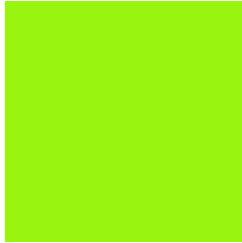
4B00BA



18003B

Previews

White Background



This preview shows how the Hex color 99F510 looks on a white background.

Color Contrast Check

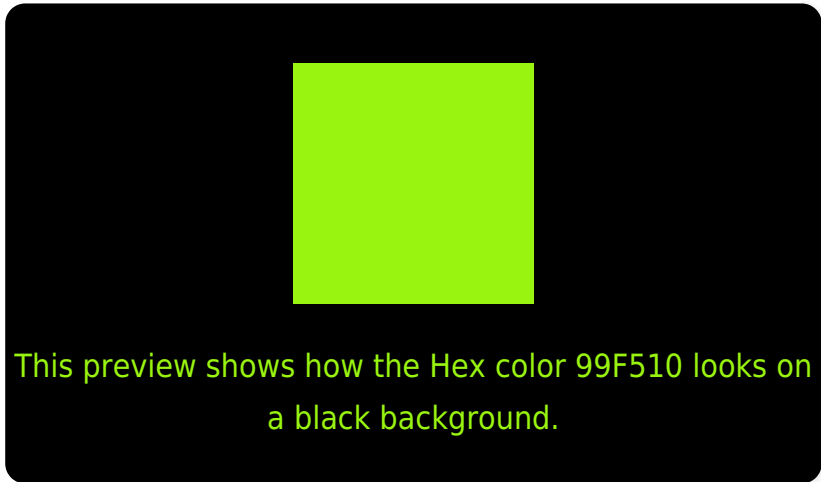
Large Text (above 18pt) WCAG AA × Fail

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

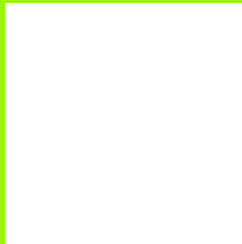
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 99F510 Background



This preview shows how black text looks on a background with the Hex color 99F510.



This preview shows how white text looks on a background with the Hex color 99F510.

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](#).

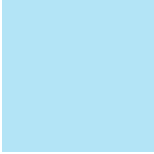
Dichromacy



Original Color
99F510

Protanopia
F8DC00

Deuteranopia
FFD596



Tritanopia
B3E4F6

Trichromacy



Original Color
99F510



Protanomaly
D5E506



Deuteranomaly
DAE165

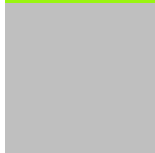


Tritanomaly
AAEAA2

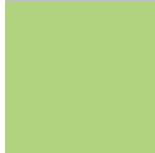
Monochromacy



Original Color
99F510



Achromatopsia
BFBFBF



Achromatomaly
B1D37F

CSS Examples

Text

The CSS property to change the color of the text to Hex 99F510 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 #99F510 looks like.

```
.text, #text, p{  
    color:#99F510  
}
```

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 #99F510 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99F510
}
```

Border

The CSS property to change the border of an element to Hex 99F510 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
#99F510 }
```

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

```
.border{ border-color:#99F510 }
```

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

Here you see how a box with a 4 pixel #99F510 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99F510; -webkit-box-shadow:4px 4px  
4px 4px #99F510; box-shadow:4px 4px 4px  
4px #99F510 }
```

Background

The CSS property to change the background color of an element to Hex 99F510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99F510 }
```

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

```
.background{ background-color:#99F510 }
```

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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