

Converting Colors

Hex(95E200)

Have a look what the booklet for
Hex(95E200) contains.

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Color

Hex(95E200)

Conversions

Conversions Part 1

Format	Color
Hex	95E200
RGB	149, 226, 0
RGB Percent	58%, 89%, 0%
CMY	0.4157, 0.1137, 1.0000
CMYK	0.34, 0.00, 1.00, 0.11
HSL	80°, 100%, 44%
HSV	80°, 100%, 89%
XYZ	39.5908, 60.7823, 9.6455
YIQ	177.2130, 26.6540, -86.6100

Conversions

Conversions Part 2

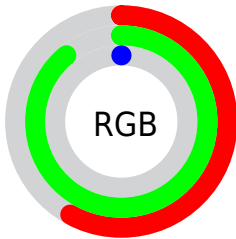
Format	Color
RYB	0, 226, 77
Decimal	9822720
CIELab	82.26, -50.13, 80.26
CIELCh	82, 94.629, 121.988
Yxy	60.7823, 0.3599, 0.5525
Android (android.graphics.Color)	4288012800 (0xFF95E200)
YUV	177.2130, -87.3660, -24.7428
Hunter-Lab	77.9630, -45.7902, 47.2388

Details

The Hex color **95E200** 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 **4D00E2**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D1FF58**, and **59AA00** is the 20% darker color. If you saturate the color by 10%, you get **95E200**, and if you desaturate by 10%, it is **9DE217**.

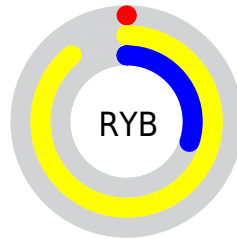
Distribution



Red (58%)

Green (89%)

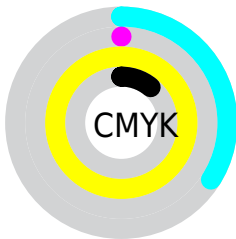
Blue (0%)



Red (0%)

Yellow (89%)

Blue (30%)

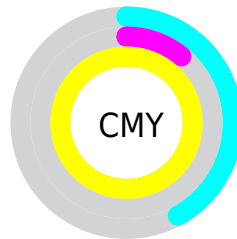


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (42%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95E200 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 95E200 by changing the saturation by 10% instead.

 95E200

 95E200

FFFFFF

 77C600

 D1FF58

 59AA00


 EFFF76

 3A8F00

 FFFF93

 107500

 FFFFB0

 005C00

 FFFFCE

 004300

 FFFFEC

 002D00

 000F00

 000000

 95E200

 9DE217

 A4E22D

 ACE244

 B4E25A

 BBE271

 C3E288

 CBE29E

 D3E2B5

 DAE2CB

Harmonies

Analogous

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



EFCB00



95E200



00EF74

Triad

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



95E200



00EBFF



FF69CB

Complementary

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



95E200



4D00E2

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



95E200



00D6FF

Square

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



95E200



00F4FF



D0B2FF



FF7E74

Rectangle

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



95E200



00F3B1



D0B2FF



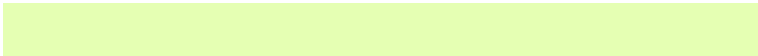
FF6EE8

Sweetspot

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



95E200



E5FFB3



E24B00



708052



000000



808080

Same Dimension

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



95E200



A8FF00



26E200



6C7065



74B000



203000

Inverse Universe

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



4D00E2



5700FF



BC00E2



696570



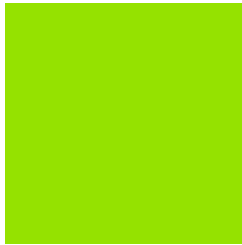
3C00B0



110030

Previews

White Background



This preview shows how the Hex color 95E200 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



This preview shows how the Hex color 95E200 looks on a 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 95E200 Background



This preview shows how black text looks on a background with the Hex color 95E200.

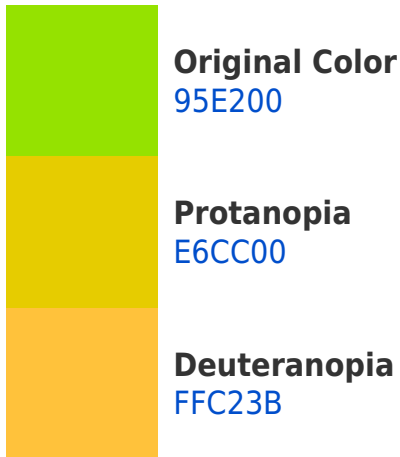


This preview shows how white text looks on a background with the Hex color 95E200.

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



Trichromacy



Original Color
95E200



Protanomaly
C9D400



Deuteranomaly
D8CE26

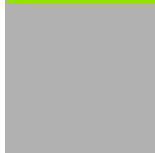


Tritanomaly
A4D890

Monochromacy



Original Color
95E200



Achromatopsia
B1B1B1



Achromatomaly
A7C371

CSS Examples

Text

The CSS property to change the color of the text to Hex 95E200 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 #95E200 looks like.

```
.text, #text, p{  
    color:#95E200  
}
```

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 #95E200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95E200
}
```

Border

The CSS property to change the border of an element to Hex 95E200 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
#95E200 }
```

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

```
.border{ border-color:#95E200 }
```

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

Here you see how a box with a 4 pixel #95E200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95E200; -webkit-box-shadow:4px 4px  
4px 4px #95E200; box-shadow:4px 4px 4px  
4px #95E200 }
```

Background

The CSS property to change the background color of an element to Hex 95E200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95E200 }
```

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

```
.background{ background-color:#95E200 }
```

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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