

Converting Colors

Hex(95D955)

Have a look what the booklet for
Hex(95D955) contains.

Hex(95D955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(95D955)

Conversions

Conversions Part 1

Format	Color
Hex	95D955
RGB	149, 217, 85
RGB Percent	58%, 85%, 33%
CMY	0.4157, 0.1490, 0.6667
CMYK	0.31, 0.00, 0.61, 0.15
HSL	91°, 63%, 59%
HSV	91°, 61%, 85%
XYZ	38.8470, 56.6711, 17.4855
YIQ	181.6200, 1.8440, -55.4680

Conversions

Conversions Part 2

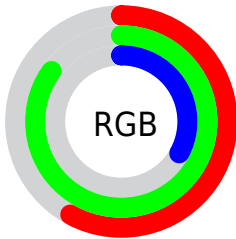
Format	Color
RYB	85, 217, 153
Decimal	9820501
CIELab	79.99, -42.71, 56.80
CIElCh	80, 71.064, 126.942
Yxy	56.6711, 0.3438, 0.5015
Android (android.graphics.Color)	4288010581 (0xFF95D955)
YUV	181.6200, -47.6337, -28.6077
Hunter-Lab	75.2802, -39.6288, 38.9248

Details

The Hex color **95D955** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **9955D9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CEFF8B**, and **5DA21B** is the 20% darker color. If you saturate the color by 10%, you get **8AD93F**, and if you desaturate by 10%, it is **A0D96B**.

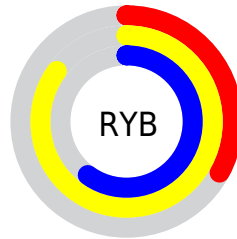
Distribution



Red (58%)

Green (85%)

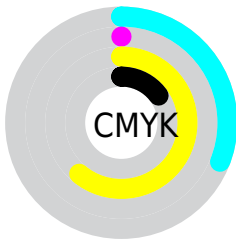
Blue (33%)



Red (33%)

Yellow (85%)

Blue (60%)

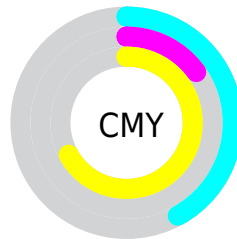


Cyan (31%)

Magenta (0%)

Yellow (61%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95D955 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 95D955 by changing the saturation by 10% instead.

 95D955

 95D955

FFFFFF

 79BD3A

 CEFF8B

 5DA21B

 ECFFA7

 418700

 FFFFC3

 226D00

 FFFFEO

 005400

FFFFFFD

 003C00

 002800

 000000

 95D955

 95D955

 8AD93F

 A0D96B

 7FD92A

 ABD980

 73D914

 B7D996

 69D900

 C2D9AC

 CDD9C2

 D8D9D7

 E3D9ED

 EED9FF

 FAD9FF

Harmonies

Analogous

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



DBC835



95D955



00E390

Triad

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



95D955



00DBFF



FF88BA

Complementary

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



95D955



9955D9

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.



FF93FC



95D955



56C9FF

Square

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



95D955



00E4FF



DEAEFF



FF967A

Rectangle

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



95D955



00E6BD



DEAEFF



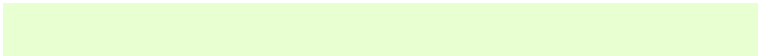
FF89D0

Sweetspot

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



95D955



E7FFD1



D99755



718063



000000



808080

Same Dimension

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



95D955



9FFF45



55D955



686E63



54AD00



162E00

Inverse Universe

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



9955D9



A545FF



D955D9



68636E



5900AD



18002E

Previews

White Background



This preview shows how the Hex color 95D955 looks on a white background.

Color Contrast Check

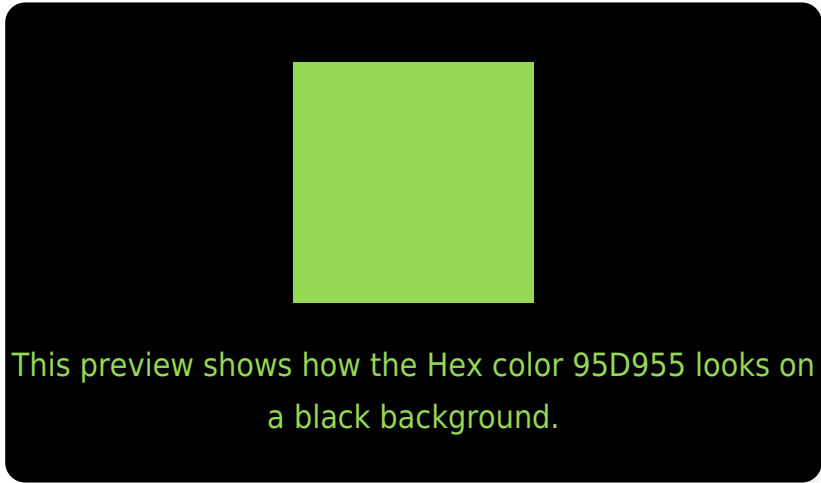
Large Text (above 18pt) WCAG AA × Fail

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 95D955 Background



This preview shows how black text looks on a background with the Hex color 95D955.

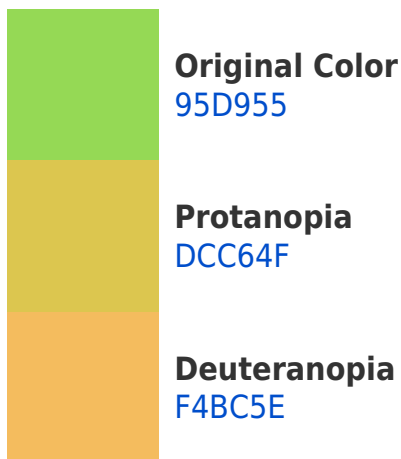


This preview shows how white text looks on a background with the Hex color 95D955.

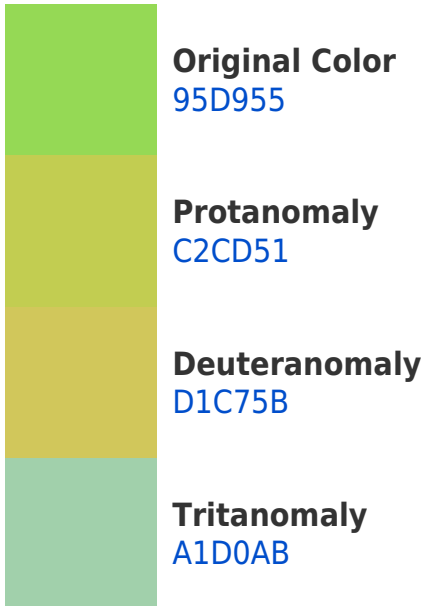
Color Blindness Simulation

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](#).

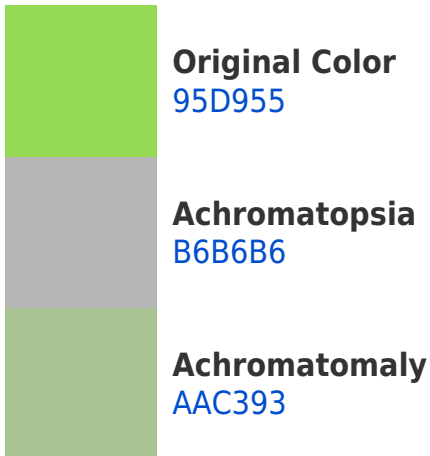
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95D955 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 #95D955 looks like.

```
.text, #text, p{  
    color:#95D955  
}
```

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 #95D955 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D955  
}
```

Border

The CSS property to change the border of an element to Hex 95D955 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  
#95D955 }
```

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

```
.border{ border-color:#95D955 }
```

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

Here you see how a box with a 4 pixel #95D955 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D955; -webkit-box-shadow:4px 4px  
4px 4px #95D955; box-shadow:4px 4px 4px  
4px #95D955 }
```

Background

The CSS property to change the background color of an element to Hex 95D955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D955 }
```

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

```
.background{ background-color:#95D955 }
```

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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