

# Converting Colors

Hex(95D426)

Have a look what the booklet for  
Hex(95D426) contains.

<b>Hex(95D426)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(95D426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95D426
RGB	149, 212, 38
RGB Percent	58%, 83%, 15%
CMY	0.4157, 0.1686, 0.8510
CMYK	0.30, 0.00, 0.82, 0.17
HSL	82°, 70%, 49%
HSV	82°, 82%, 83%
XYZ	36.2878, 53.6165, 10.2702
YIQ	173.3270, 18.3060, -67.4700

# Conversions

## Conversions Part 2

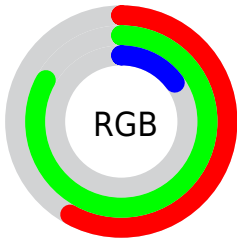
Format	Color
<a href="#">RYB</a>	<a href="#">38, 212, 101</a>
Decimal	<a href="#">9819174</a>
CIELab	<a href="#">78.24, -43.47, 71.44</a>
CIELCh	<a href="#">78, 83.625, 121.322</a>
Yxy	<a href="#">53.6165, 0.3622, 0.5352</a>
Android (android.graphics.Color)	<a href="#">4288009254</a> ( <a href="#">0xFF95D426</a> )
YUV	<a href="#">173.3270, -66.7162, -21.3348</a>
Hunter-Lab	<a href="#">73.2233, -39.6802, 42.9404</a>

# Details

The Hex color **95D426** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **6526D4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CFFF64**, and **5B9D00** is the 20% darker color. If you saturate the color by 10%, you get **8DD411**, and if you desaturate by 10%, it is **9DD43B**.

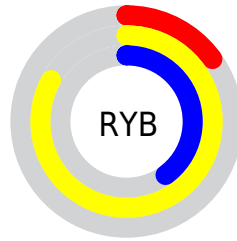
# Distribution



Red (58%)

Green (83%)

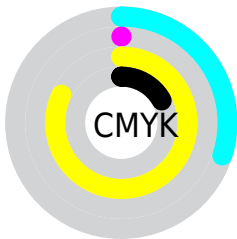
Blue (15%)



Red (15%)

Yellow (83%)

Blue (40%)

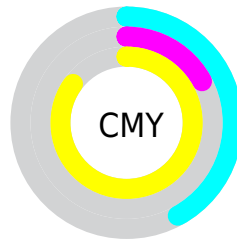


Cyan (30%)

Magenta (0%)

Yellow (82%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95D426 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 95D426 by changing the saturation by 10% instead.



 95D426

 95D426

FFFFFF

 78B800

 CFFF64

 5B9D00

 EDFF81

 3E8300

 FFFF9D

 1E6900

 FFFFBA

 005000

 FFFFD7

 003800

 FFFFF5

 002300

 000000

 95D426

 95D426

 8DD411

 9DD43B

 87D400

 A4D450

 ACD466

 B4D47B

 BBD490

 C3D4A5

 CBD4BA

 D2D4D0

 DAD4E5

# Harmonies

## Analogous

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



E3BF00



95D426



00E072

# Triad

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



95D426



00DCFF



FF70C1

# Complementary

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



95D426



6526D4

# 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.



FF86FF



95D426



00CAFF

# Square

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



95D426



00E4FF



C3ABFF



FF7F75

# Rectangle

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



95D426



00E4A8



C3ABFF



FF74DC

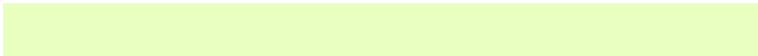


# Sweetspot

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



95D426



E8FFBF



D46326



728059



000000



808080



# Same Dimension

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



95D426



A5FF05



40D426



676B60



6DAB00



1C2B00



# Inverse Universe

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



6526D4



6005FF



BA26D4



64606B



3E00AB



10002B



# Previews

## White Background



This preview shows how the Hex color 95D426 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 95D426 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 95D426 Background



This preview shows how black text looks on a background with the Hex color 95D426.



This preview shows how white text looks on a background with the Hex color 95D426.

# 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**  
95D426

**Protanopia**  
D9C121

**Deuteranopia**  
F2B736



**Tritanopia**  
A9C5D5

# Trichromacy



**Original Color**  
95D426



**Protanomaly**  
C0C823



**Deuteranomaly**  
D0C230



**Tritanomaly**  
A2CA95

# Monochromacy



**Original Color**  
95D426



**Achromatopsia**  
ADADAD



**Achromatomaly**  
A4BB7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95D426 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 #95D426 looks like.

```
.text, #text, p{  
    color:#95D426  
}
```

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 #95D426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D426
}
```

## Border

The CSS property to change the border of an element to Hex 95D426 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
#95D426 }
```

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

```
.border{ border-color:#95D426 }
```

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

Here you see how a box with a 4 pixel #95D426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D426; -webkit-box-shadow:4px 4px  
4px 4px #95D426; box-shadow:4px 4px 4px  
4px #95D426 }
```

# Background

The CSS property to change the background color of an element to Hex 95D426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D426 }
```

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

```
.background{ background-color:#95D426 }
```

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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