

# Converting Colors

Hex(9CDA25)

Have a look what the booklet for  
Hex(9CDA25) contains.

<b>Hex(9CDA25)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9CDA25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CDA25
RGB	156, 218, 37
RGB Percent	61%, 85%, 15%
CMY	0.3882, 0.1451, 0.8549
CMYK	0.28, 0.00, 0.83, 0.15
HSL	81°, 71%, 50%
HSV	81°, 83%, 85%
XYZ	39.1156, 57.3443, 10.7572
YIQ	178.8280, 21.1490, -69.4350

# Conversions

## Conversions Part 2

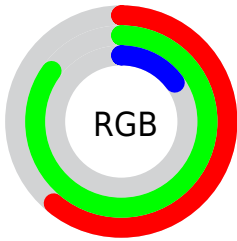
Format	Color
R <sub>Y</sub> B	37, 218, 99
Decimal	10279461
CIE Lab	80.37, -43.49, 73.70
CIE LCh	80, 85.576, 120.543
Yxy	57.3443, 0.3648, 0.5348
Android (android.graphics.Color)	4288469541 (0xFF9CDA25)
YUV	178.8280, -69.9212, -20.0202
Hunter-Lab	75.7260, -40.3179, 44.5858

# Details

The Hex color **9CDA25** 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 **6325DA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D7FF65**, and **62A300** is the 20% darker color. If you saturate the color by 10%, you get **95DA0F**, and if you desaturate by 10%, it is **A3DA3B**.

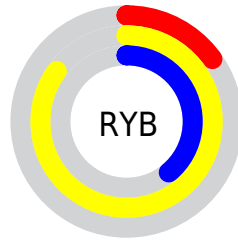
# Distribution



Red (61%)

Green (85%)

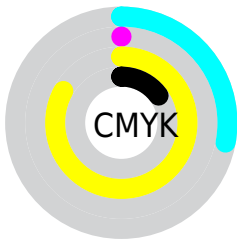
Blue (15%)



Red (15%)

Yellow (85%)

Blue (39%)

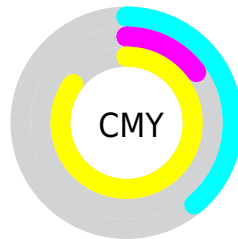


Cyan (28%)

Magenta (0%)

Yellow (83%)

Black (15%)



Cyan (39%)

Magenta (15%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CDA25 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 9CDA25 by changing the saturation by 10% instead.



 9CDA25

 9CDA25

FFFFFF

 7FBE00

 D7FF65

 62A300

 F5FF81

 458800

 FFFF9E

 266E00

 FFFFBB


 005500

 FFFFD8

 003D00

 FFFFF6

 002900

 000300

 000000

 9CDA25

 9CDA25

 95DA0F

 A3DA3B

 8FDA00

 ABDA51

 B2DA66

 BADA7C

 C1DA92

 C9DAA8

 D0DABE

 D8DAD3

 DFDAE9

# Harmonies

## Analogous

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



ECC400



9CDA25



00E674

# Triad

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



9CDA25



00E3FF



FF74C9

# Complementary

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



9CDA25



6325DA

# 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



9CDA25



00D1FF

# Square

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



9CDA25



00EBFF



C6B1FF



FF827B

# Rectangle

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



9CDA25



00EBAA



C6B1FF



FF78E4

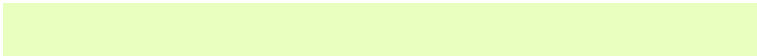


# Sweetspot

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



9CDA25



E9FFBF



DA6125



728059



000000



808080



# Same Dimension

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



9CDA25



A8FF00



43DA25



6A6E63



72AD00



1E2E00



# Inverse Universe

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



6325DA



5700FF



BC25DA



66636E



3B00AD

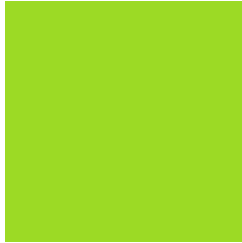


10002E



# Previews

## White Background



This preview shows how the Hex color 9CDA25 looks on a white background.

## Color Contrast Check

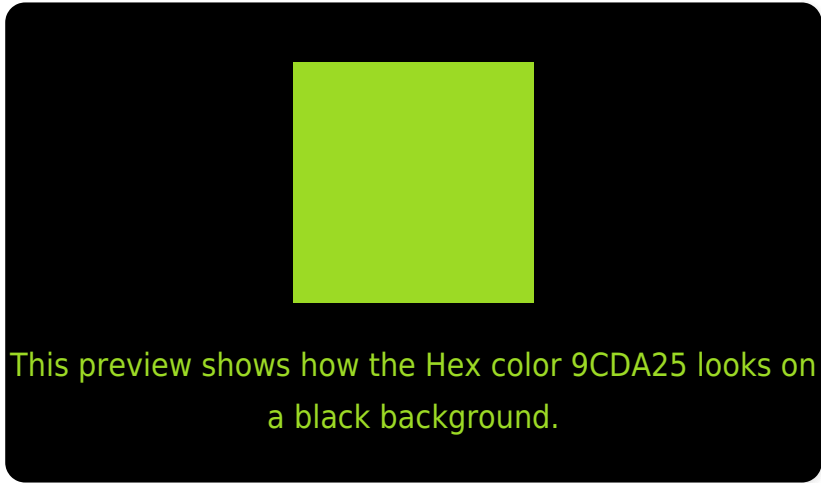
Large Text (above 18pt) WCAG AA × Fail

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 9CDA25 Background



This preview shows how black text looks on a background with the Hex color 9CDA25.

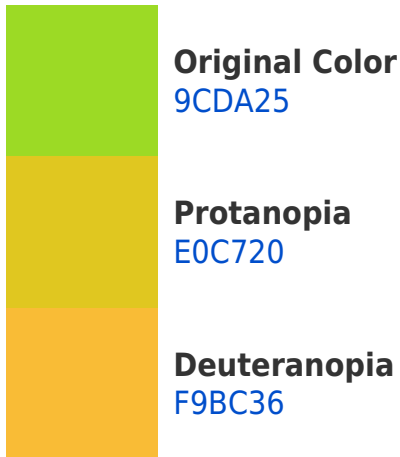


This preview shows how white text looks on a background with the Hex color 9CDA25.

# Color Blindness Simulation

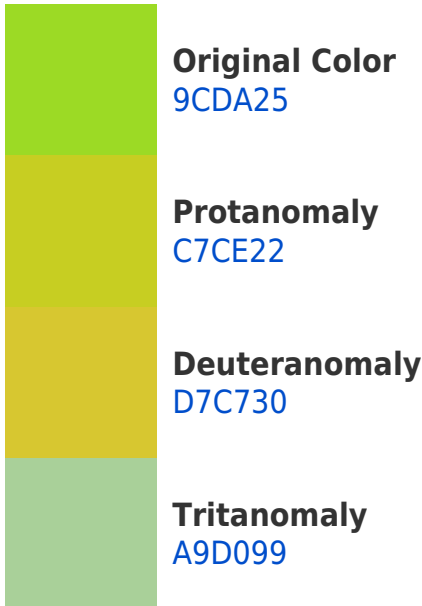
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

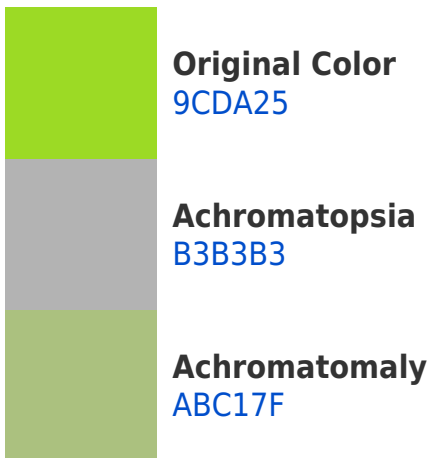




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CDA25 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 #9CDA25 looks like.

```
.text, #text, p{  
    color:#9CDA25  
}
```

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 #9CDA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDA25
}
```

## Border

The CSS property to change the border of an element to Hex 9CDA25 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
#9CDA25 }
```

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

```
.border{ border-color:#9CDA25 }
```

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

Here you see how a box with a 4 pixel #9CDA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDA25; -webkit-box-shadow:4px 4px  
4px 4px #9CDA25; box-shadow:4px 4px 4px  
4px #9CDA25 }
```

# Background

The CSS property to change the background color of an element to Hex 9CDA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDA25 }
```

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

```
.background{ background-color:#9CDA25 }
```

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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