

# Converting Colors

Hex(3DC507)

Have a look what the booklet for  
Hex(3DC507) contains.

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# **Color**

**Hex(3DC507)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DC507
RGB	61, 197, 7
RGB Percent	24%, 77%, 3%
CMY	0.7608, 0.2275, 0.9725
CMYK	0.69, 0.00, 0.96, 0.23
HSL	103°, 93%, 40%
HSV	103°, 96%, 77%
XYZ	21.9291, 40.9399, 6.9474
YIQ	134.6760, -20.0660, -87.9220

# Conversions

## Conversions Part 2

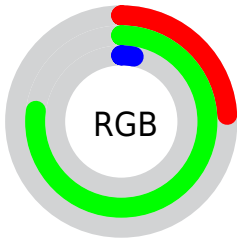
Format	Color
<a href="#">RYB</a>	<a href="#">7, 197, 143</a>
Decimal	<a href="#">4048135</a>
CIELab	<a href="#">70.13, -64.60, 68.59</a>
CIELCh	<a href="#">70, 94.221, 133.286</a>
Yxy	<a href="#">40.9399, 0.3141, 0.5864</a>
Android (android.graphics.Color)	<a href="#">4282238215 (0xFF3DC507)</a>
YUV	<a href="#">134.6760, -62.9443, -64.6139</a>
Hunter-Lab	<a href="#">63.9843, -50.7960, 38.3513</a>

# Details

The Hex color **3DC507** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8F07C5**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **80FF52**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **38C500**, and if you desaturate by 10%, it is **4BC51B**.

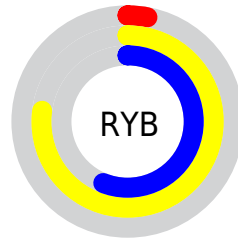
# Distribution



Red (24%)

Green (77%)

Blue (3%)



Red (3%)

Yellow (77%)

Blue (56%)

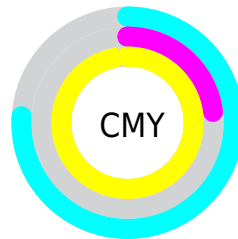


Cyan (69%)

Magenta (0%)

Yellow (96%)

Black (23%)



Cyan (76%)

Magenta (23%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DC507 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 3DC507 by changing the saturation by 10% instead.



 3DC507

 3DC507

FFFFFF

 00A900


 80FF52

 008E00

 9FFF6F

 007300

 BDFF8B

 005900

 DCFFA8

 004000

 FAFFC5

 002800

 FFFF E2

 000100

 000000

 3DC507

 3DC507

■ 38C500

■ 4BC51B

■ 59C52E

■ 67C542

■ 75C556

■ 84C56A

■ 92C57D

■ A0C591

■ AEC5A5

■ BCC5B8

# Harmonies

## Analogous

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



ACB400



3DC507



00CE77

# Triad

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



3DC507



00C3FF



FF3E8A

# Complementary

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



3DC507



8F07C5

# 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.



FF4DDF



3DC507



00A9FF

# Square

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



3DC507



00CEFF



DC80FF



FF6A36

# Rectangle

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



3DC507



00D0B3



DC80FF



FF3AA6

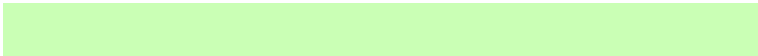


# Sweetspot

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



3DC507



CAFFB5



C58C07



608053



000000



808080



# Same Dimension

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



3DC507



48FF00



07C52D



5C635A



2EA300



0A2400



# Inverse Universe

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



8F07C5



B700FF



C5079F



615A63



7500A3

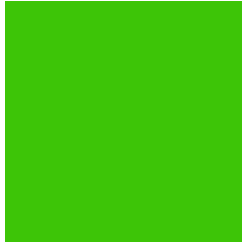


1A0024



# Previews

## White Background



This preview shows how the Hex color 3DC507 looks on a white background.

## Color Contrast Check

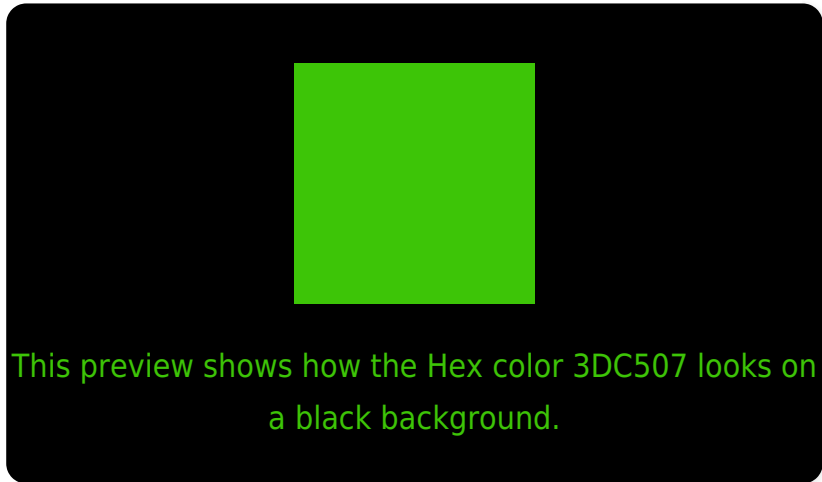
Large Text (above 18pt) WCAG AA × Fail

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

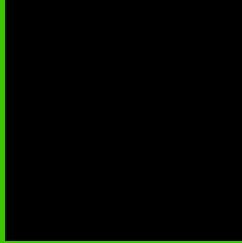
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DC507 Background



This preview shows how black text looks on a background with the Hex color 3DC507.

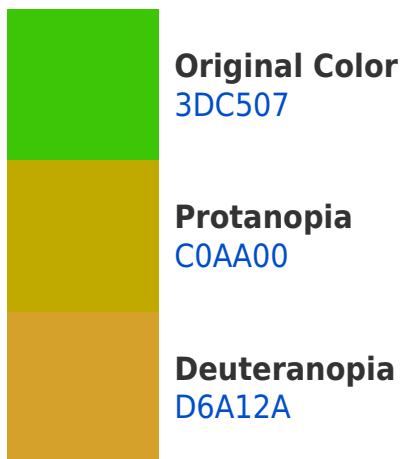


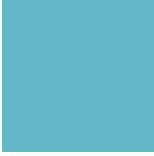
This preview shows how white text looks on a background with the Hex color 3DC507.

# 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](#).

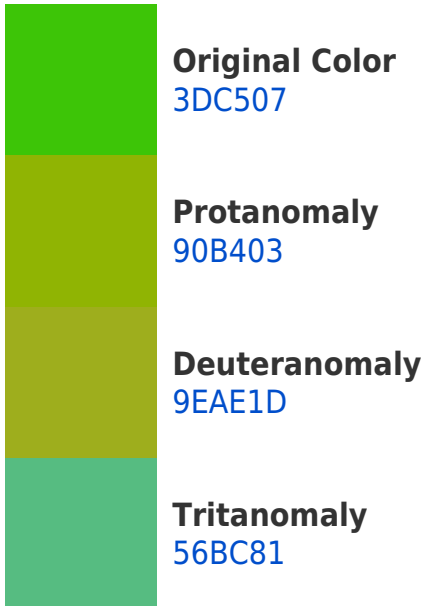
## Dichromacy



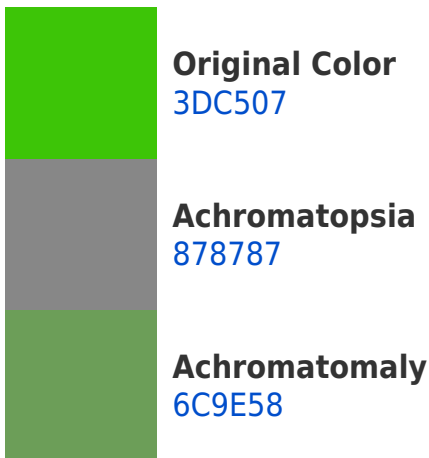


**Tritanopia**  
64B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DC507 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 #3DC507 looks like.

```
.text, #text, p{  
    color:#3DC507  
}
```

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 #3DC507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DC507
}
```

## Border

The CSS property to change the border of an element to Hex 3DC507 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
#3DC507 }
```

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

```
.border{ border-color:#3DC507 }
```

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

Here you see how a box with a 4 pixel #3DC507 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DC507; -webkit-box-shadow:4px 4px  
4px 4px #3DC507; box-shadow:4px 4px 4px  
4px #3DC507 }
```

# Background

The CSS property to change the background color of an element to Hex 3DC507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DC507 }
```

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

```
.background{ background-color:#3DC507 }
```

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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