

# Converting Colors

Hex(28C207)

Have a look what the booklet for  
Hex(28C207) contains.

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**Color**

**Hex(28C207)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 28C207                       |
| RGB         | 40, 194, 7                   |
| RGB Percent | 16%, 76%, 3%                 |
| CMY         | 0.8431, 0.2392, 0.9725       |
| CMYK        | 0.79, 0.00, 0.96, 0.24       |
| HSL         | 109°, 93%, 39%               |
| HSV         | 109°, 96%, 76%               |
| XYZ         | 20.2052, 39.0500, 6.6735     |
| YIQ         | 126.6360, -31.7570, -90.8050 |

# Conversions

## Conversions Part 2

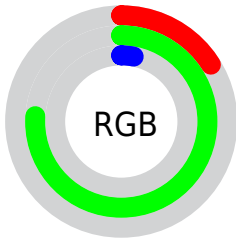
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 7, 194, 161                     |
| Decimal                             | 2671111                         |
| CIELab                              | 68.79, -67.05, 67.33            |
| CIELCh                              | 69, 95.025, 134.882             |
| Yxy                                 | 39.0500, 0.3065,<br>0.5923      |
| Android<br>(android.graphics.Color) | 4280861191<br>(0xFF28C207)      |
| YUV                                 | 126.6360, -58.9805,<br>-75.9798 |
| Hunter-Lab                          | 62.4900, -51.6422,<br>37.4113   |

# Details

The Hex color **28C207** 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 **A107C2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **73FC51**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **22C200**, and if you desaturate by 10%, it is **38C21A**.

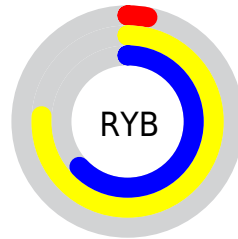
# Distribution



Red (16%)

Green (76%)

Blue (3%)



Red (3%)

Yellow (76%)

Blue (63%)

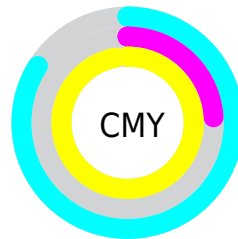


Cyan (79%)

Magenta (0%)

Yellow (96%)

Black (24%)



Cyan (84%)

Magenta (24%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28C207 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 28C207 by changing the saturation by 10% instead.



 28C207

 28C207

FFFFFF

 00A600

 73FC51

 008B00

 92FF6E

 007000

 B1FF8A

 005600

 D0FFA7

 003D00

 EEFFC3

 002500

 FFFFE1

 000000

FFFFFFE

 28C207

 28C207

■ 22C200

■ 38C21A

■ 48C22E

■ 58C241

■ 68C255

■ 78C268

■ 88C27B

■ 98C28F

■ A8C2A2

■ B8C2B6

# Harmonies

## Analogous

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



A3B100



28C207



00CA78

# Triad

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



28C207



00BEFF



FF3781

# Complementary

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



28C207



A107C2

# 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.



FF43D7



28C207



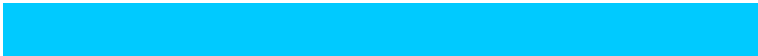
00A4FF

# Square

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



28C207



00CAFF



DE79FF



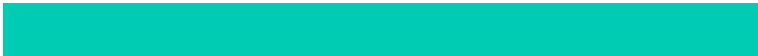
FF682D

# Rectangle

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



28C207



00CCB4



DE79FF



FF309E

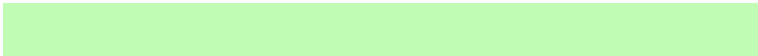


# Sweetspot

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



28C207



C0FCB3



C2A007



5B8053



000000



808080



# Same Dimension

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



28C207



2DFC00



07C242



596157



1CA100



062100



# Inverse Universe

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



A107C2



D000FC



C20787



5F5761



8400A1

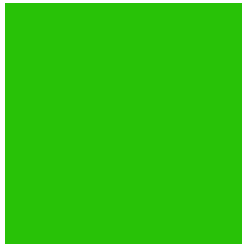


1B0021



# Previews

## White Background



This preview shows how the Hex color 28C207 looks on a white background.

## Color Contrast Check

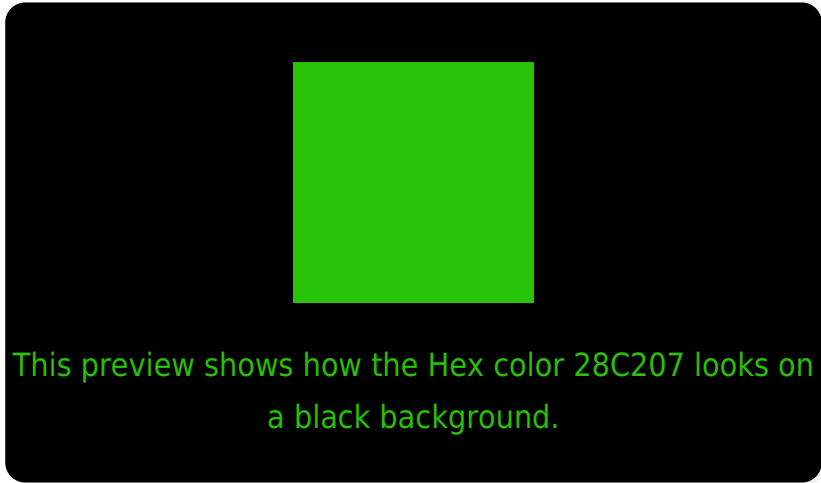
Large Text (above 18pt) WCAG AA × Fail

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

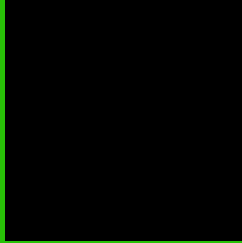
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 28C207 Background



This preview shows how black text looks on a background with the Hex color 28C207.

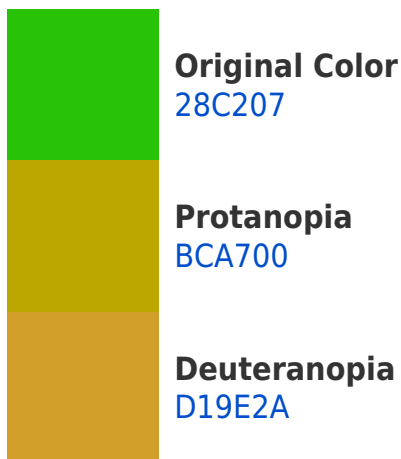


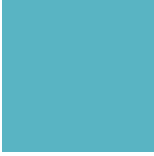
This preview shows how white text looks on a background with the Hex color 28C207.

# 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](#).

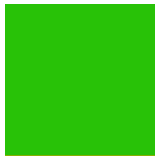
## Dichromacy





**Tritanopia**  
59B4C3

# Trichromacy



**Original Color**  
28C207



**Protanomaly**  
86B103



**Deuteranomaly**  
94AB1D



**Tritanomaly**  
47B97F

# Monochromacy



**Original Color**  
28C207



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
5F9753

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28C207 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 #28C207 looks like.

```
.text, #text, p{  
    color:#28C207  
}
```

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 #28C207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C207
}
```

## Border

The CSS property to change the border of an element to Hex 28C207 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
#28C207 }
```

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

```
.border{ border-color:#28C207 }
```

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

Here you see how a box with a 4 pixel #28C207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C207; -webkit-box-shadow:4px 4px  
4px 4px #28C207; box-shadow:4px 4px 4px  
4px #28C207 }
```

# Background

The CSS property to change the background color of an element to Hex 28C207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C207 }
```

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

```
.background{ background-color:#28C207 }
```

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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