

# Converting Colors

Hex(24C600)

Have a look what the booklet for  
Hex(24C600) contains.

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**Color**

**Hex(24C600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C600
RGB	36, 198, 0
RGB Percent	14%, 78%, 0%
CMY	0.8588, 0.2235, 1.0000
CMYK	0.82, 0.00, 1.00, 0.22
HSL	109°, 100%, 39%
HSV	109°, 100%, 78%
XYZ	20.9216, 40.7632, 6.7654
YIQ	126.9900, -32.9940, -95.9220

# Conversions

## Conversions Part 2

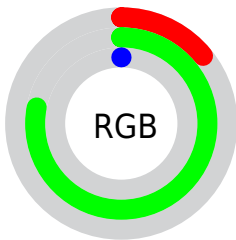
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 198, 162
Decimal	2409984
CIELab	70.01, -68.84, 69.08
CIELCh	70, 97.520, 134.900
Yxy	40.7632, 0.3056, 0.5955
Android (android.graphics.Color)	4280600064 (0xFF24C600)
YUV	126.9900, -62.6061, -79.7982
Hunter-Lab	63.8461, -53.2382, 38.4096

# Details

The Hex color **24C600** 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 **A200C6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **72FF50**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **24C600**, and if you desaturate by 10%, it is **34C614**.

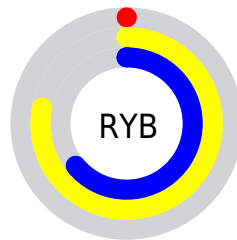
# Distribution



Red (14%)

Green (78%)

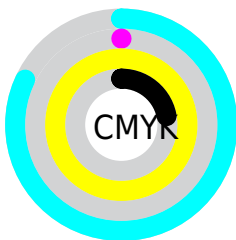
Blue (0%)



Red (0%)

Yellow (78%)

Blue (64%)

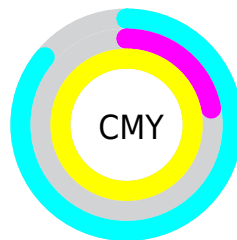


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (86%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24C600 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 24C600 by changing the saturation by 10% instead.



 24C600

 24C600

FFFFFF

 00AA00

 72FF50

 008E00

 92FF6D

 007400

 B1FF89

 005900

 D0FFA6

 004000

 EFFF C3

 002800

 FFFF E0

 000000

FFFFFFE

 24C600

 34C614

 44C628

 55C63B

 65C64F

 75C663

 85C677

 95C68B

 A6C69E

 B6C6B2

# Harmonies

## Analogous

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



A6B500



24C600



00CE79

# Triad

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



24C600



00C2FF



FF3483

# Complementary

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



24C600



A200C6

# 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.



FF42DC



24C600



00A7FF

# Square

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



24C600



00CEFF



E37BFF



FF692C

# Rectangle

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



24C600



00D1B8



E37BFF



FF2CA1

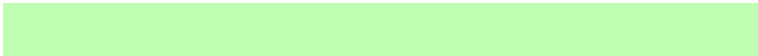


# Sweetspot

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



24C600



C0FFB3



C6A200



5A8052



000000



808080



# Same Dimension

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



24C600



2EFF00



00C63F



5B635A



1EA300



062400



# Inverse Universe

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



A200C6



D100FF



C60087



625A63



8600A3

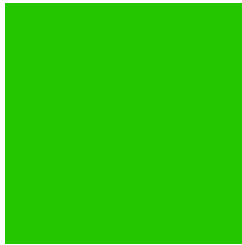


1D0024



# Previews

## White Background



This preview shows how the Hex color 24C600 looks on a white background.

## Color Contrast Check

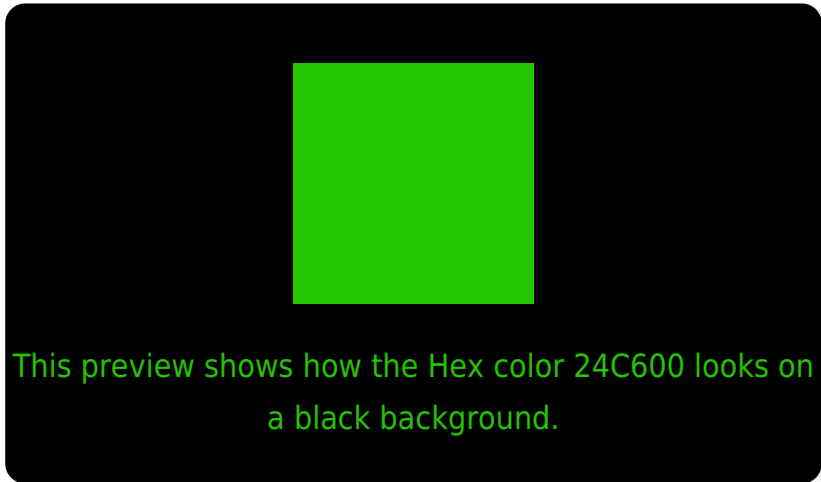
Large Text (above 18pt) WCAG AA × Fail

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

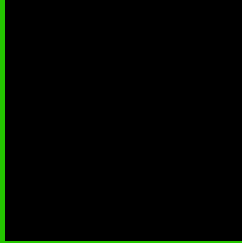
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24C600 Background



This preview shows how black text looks on a background with the Hex color 24C600.

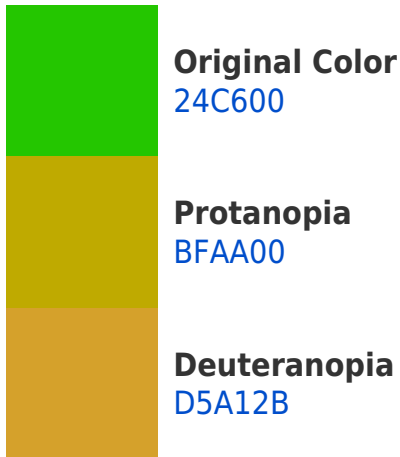


This preview shows how white text looks on a background with the Hex color 24C600.

# 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**  
59B8C7

# Trichromacy



**Original Color**  
24C600



**Protanomaly**  
87B400

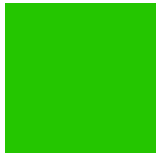


**Deuteranomaly**  
95AE1B



**Tritanomaly**  
46BD7F

# Monochromacy



**Original Color**  
24C600



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
5E9951

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24C600 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 #24C600 looks like.

```
.text, #text, p{  
    color:#24C600  
}
```

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 #24C600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C600
}
```

## Border

The CSS property to change the border of an element to Hex 24C600 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
#24C600 }
```

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

```
.border{ border-color:#24C600 }
```

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

Here you see how a box with a 4 pixel #24C600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C600; -webkit-box-shadow:4px 4px  
4px 4px #24C600; box-shadow:4px 4px 4px  
4px #24C600 }
```

# Background

The CSS property to change the background color of an element to Hex 24C600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C600 }
```

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

```
.background{ background-color:#24C600 }
```

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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