

Converting Colors

Hex(24FF01)

Have a look what the booklet for
Hex(24FF01) contains.

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Color

Hex(24FF01)

Conversions

Conversions Part 1

Format	Color
Hex	24FF01
RGB	36, 255, 1
RGB Percent	14%, 100%, 0%
CMY	0.8588, 0.0000, 0.9961
CMYK	0.86, 0.00, 1.00, 0.00
HSL	112°, 100%, 50%
HSV	112°, 100%, 100%
XYZ	36.4930, 71.8973, 11.9829
YIQ	160.5630, -48.9900, -125.4220

Conversions

Conversions Part 2

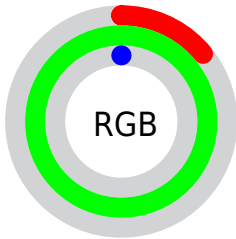
Format	Color
RYB	1, 255, 220
Decimal	2424577
CIELab	87.92, -84.52, 83.33
CIELCh	88, 118.689, 135.407
Yxy	71.8973, 0.3032, 0.5973
Android (android.graphics.Color)	4280614657 (0xFF24FF01)
YUV	160.5630, -78.6646, -109.2418
Hunter-Lab	84.7923, -71.5633, 50.9757

Details

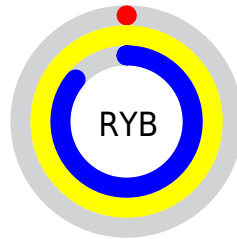
The Hex color **24FF01** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **DC01FF**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **80FF5D**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **23FF00**, and if you desaturate by 10%, it is **3AFF1A**.

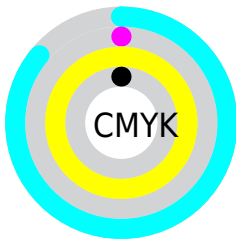
Distribution



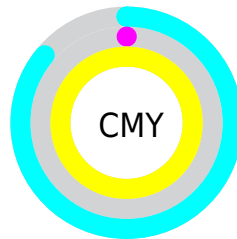
- Red (14%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (86%)



- Cyan (86%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (86%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24FF01 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 24FF01 by changing the saturation by 10% instead.

 24FF01

 24FF01

FFFFFF

 00E100

 80FF5D

 00C400

 A3FF7B

 00A800

 C4FF99

 008C00

 E5FFB7

 007100

 FFFFD5

 005600

 FFFFF3

 003D00

 002300

 000000

 24FF01

 24FF01

 23FF00

 3AFF1A

 50FF34

 66FF4E

 7CFF67

 92FF81

 A8FF9A

 BEFFB3

 D4FFCD

 EAFFE7

Harmonies

Analogous

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



D4E900



24FF01



00FF9F

Triad

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



24FF01



00FAFF



FF43A8

Complementary

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



24FF01



DC01FF

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.



FF53FF



24FF01



00D7FF

Square

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



24FF01



00FFFF



FF9DFF



FF8937

Rectangle

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



24FF01



00FFEF



FF9DFF



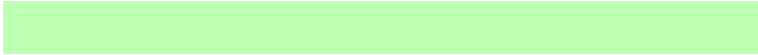
FF38CD

Sweetspot

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



24FF01



BDFFB3



FFD901



588052



000000



808080

Same Dimension

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



24FF01



23FF00



01FF5A



758073



1ABF00



094000

Inverse Universe

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



DC01FF



DC00FF



FF01A6



7E7380



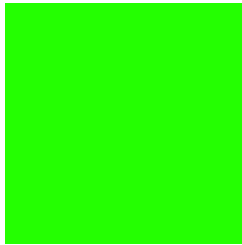
A500BF



370040

Previews

White Background



This preview shows how the Hex color 24FF01 looks on a white background.

Color Contrast Check

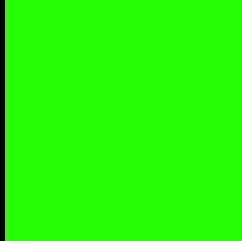
Large Text (above 18pt) WCAG AA × Fail

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 24FF01 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

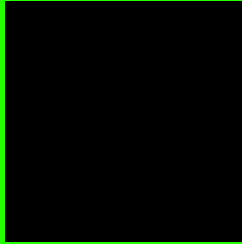
Any Text WCAG AA ✓ Pass

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 24FF01 Background



This preview shows how black text looks on a background with the Hex color 24FF01.



This preview shows how white text looks on a background with the Hex color 24FF01.

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](#).

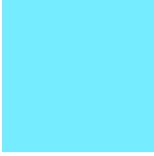
Dichromacy



Original Color
E67E22

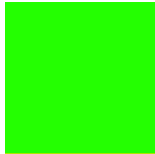
Protanopia
F6DB00

Deuteranopia
FFD391



Tritanopia
75ECFF

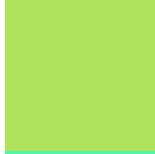
Trichromacy



Original Color
24FF01



Protanomaly
AAE800

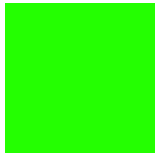


Deuteranomaly
AFE35D



Tritanomaly
58F3A3

Monochromacy



Original Color
24FF01



Achromatopsia
A1A1A1



Achromatomaly
74C367

CSS Examples

Text

The CSS property to change the color of the text to Hex 24FF01 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 #24FF01 looks like.

```
.text, #text, p{  
    color:#24FF01  
}
```

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 #24FF01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24FF01
}
```

Border

The CSS property to change the border of an element to Hex 24FF01 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
#24FF01 }
```

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

```
.border{ border-color:#24FF01 }
```

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

Here you see how a box with a 4 pixel #24FF01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24FF01; -webkit-box-shadow:4px 4px  
4px 4px #24FF01; box-shadow:4px 4px 4px  
4px #24FF01 }
```

Background

The CSS property to change the background color of an element to Hex 24FF01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24FF01 }
```

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

```
.background{ background-color:#24FF01 }
```

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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