

Converting Colors

Hex(00FA23)

Have a look what the booklet for
Hex(00FA23) contains.

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Color

Hex(00FA23)

Conversions

Conversions Part 1

Format	Color
Hex	00FA23
RGB	0, 250, 35
RGB Percent	0%, 98%, 14%
CMY	1.0000, 0.0196, 0.8627
CMYK	1.00, 0.00, 0.86, 0.02
HSL	128°, 100%, 49%
HSV	128°, 100%, 98%
XYZ	34.4890, 68.4926, 12.9927
YIQ	150.7400, -79.9850, -119.8650

Conversions

Conversions Part 2

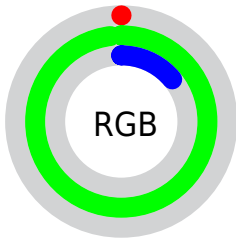
Format	Color
RYB	0, 219, 250
Decimal	64035
CIELab	86.25, -84.11, 77.83
CIELCh	86, 114.599, 137.221
Yxy	68.4926, 0.2974, 0.5906
Android (android.graphics.Color)	4278254115 (0xFF00FA23)
YUV	150.7400, -57.0598, -132.1990
Hunter-Lab	82.7602, -70.4434, 48.6241

Details

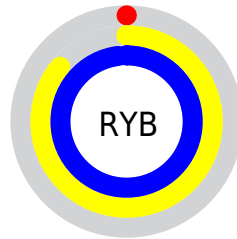
The Hex color **00FA23** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FA00D7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **76FF67**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **00FA23**, and if you desaturate by 10%, it is **19FA39**.

Distribution



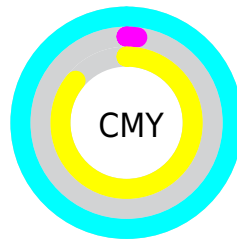
- Red (0%)
- Green (98%)
- Blue (14%)



- Red (0%)
- Yellow (86%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FA23 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 00FA23 by changing the saturation by 10% instead.

 00FA23


 00FA23

FFFFFF

 00DD00

 76FF67

 00C000

 99FF85

 00A300

 BBFFA2

 008700

 DBFFC0

 006C00

 FCFDD

 005200

 FFFFFB

 003900

 001E00

 000000

 00FA23

 19FA39

 32FA4E

 4BFA64

 64FA79

 7DFA8F

 96FAA4

 AFFABA

 C8FACF

 E1FAE5

Harmonies

Analogous

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



C9E600



00FA23



00FFA4

Triad

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



00FA23



00F2FF



FF4D9F

Complementary

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



00FA23



FA00D7

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.



FF54FF



00FA23



00D0FF

Square

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



00FA23



00FFFF



FF98FF



FF8C32

Rectangle

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



00FA23



00FFF0



FF98FF



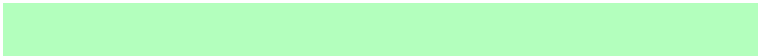
FF41C3

Sweetspot

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



00FA23



B3FFBD



D9FA00



528058



000000



808080

Same Dimension

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



00FA23



00FF24



00FA9E



707D72



00BD1A



003D09

Inverse Universe

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



FA00D7



FF00DB



FA005C



7D707B



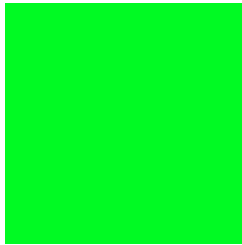
BD00A2



3D0035

Previews

White Background



This preview shows how the Hex color 00FA23 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 00FA23 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

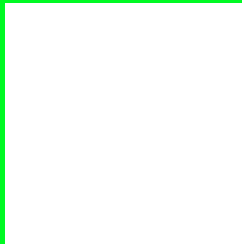
Any Text WCAG AAA ✓ Pass

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

Hex 00FA23 Background



This preview shows how black text looks on a background with the Hex color 00FA23.

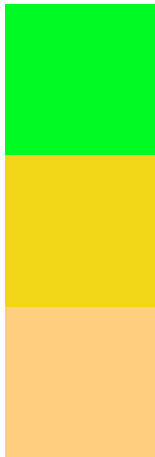


This preview shows how white text looks on a background with the Hex color 00FA23.

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](#).

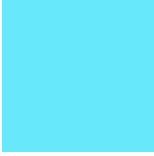
Dichromacy



Original Color
00FA23

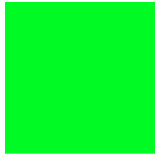
Protanopia
F1D618

Deuteranopia
FFCE7E



Tritanopia
68E9FB

Trichromacy



Original Color
00FA23



Protanomaly
99E31C

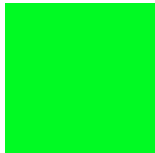


Deuteranomaly
A2DE5D



Tritanomaly
42EFAC

Monochromacy



Original Color
00FA23



Achromatopsia
979797



Achromatomaly
60BB6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FA23 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 #00FA23 looks like.

```
.text, #text, p{  
    color:#00FA23  
}
```

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 #00FA23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FA23
}
```

Border

The CSS property to change the border of an element to Hex 00FA23 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
#00FA23 }
```

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

```
.border{ border-color:#00FA23 }
```

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

Here you see how a box with a 4 pixel #00FA23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FA23; -webkit-box-shadow:4px 4px  
4px 4px #00FA23; box-shadow:4px 4px 4px  
4px #00FA23 }
```

Background

The CSS property to change the background color of an element to Hex 00FA23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FA23 }
```

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

```
.background{ background-color:#00FA23 }
```

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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