

Converting Colors

Hex(23DF0F)

Have a look what the booklet for
Hex(23DF0F) contains.

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Color

Hex(23DF0F)

Conversions

Conversions Part 1

Format	Color
Hex	23DF0F
RGB	35, 223, 15
RGB Percent	14%, 87%, 6%
CMY	0.8627, 0.1255, 0.9412
CMYK	0.84, 0.00, 0.93, 0.13
HSL	114°, 87%, 47%
HSV	114°, 93%, 87%
XYZ	27.1670, 53.1672, 9.2824
YIQ	143.0760, -45.2800, -104.5440

Conversions

Conversions Part 2

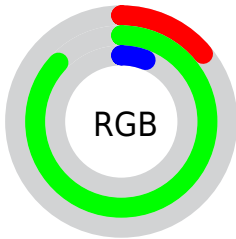
Format	Color
RYB	15, 223, 203
Decimal	2350863
CIELab	77.97, -75.70, 74.00
CIELCh	78, 105.860, 135.650
Yxy	53.1672, 0.3031, 0.5933
Android (android.graphics.Color)	4280540943 (0xFF23DF0F)
YUV	143.0760, -63.1415, -94.7827
Hunter-Lab	72.9158, -61.0970, 43.4933

Details

The Hex color **23DF0F** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CB0FDF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **77FF5A**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **15DF00**, and if you desaturate by 10%, it is **37DF25**.

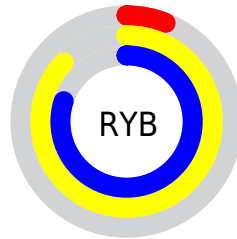
Distribution



Red (14%)

Green (87%)

Blue (6%)



Red (6%)

Yellow (87%)

Blue (80%)

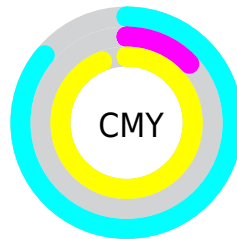


Cyan (84%)

Magenta (0%)

Yellow (93%)

Black (13%)



Cyan (86%)

Magenta (13%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23DF0F 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 23DF0F by changing the saturation by 10% instead.

 23DF0F

 23DF0F

FFFFFF

 00C200

 77FF5A

 00A600

 98FF77

 008A00

 B9FF94

 006F00

 D8FFB1

 005500

 F8FFCE

 003D00

 FFFFE0

 002300

 000000

 23DF0F

 23DF0F

 15DF00

 37DF25

 4BDF3C

 5FDF52

 74DF68

 88DF7E

 9CDF95

 B0DFAB

 C4DFC1

 D8DFD8

Harmonies

Analogous

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



B9CC00



23DF0F



00E88C

Triad

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



23DF0F



00DAFF



FF4092

Complementary

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



23DF0F



CB0FDF

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.



FF4CF4



23DF0F



00BCFF

Square

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



23DF0F



00E8FF



FF8AFF



FF7931

Rectangle

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



23DF0F



00EBD1



FF8AFF



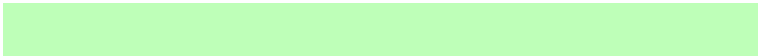
FF36B3

Sweetspot

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



23DF0F



BEFFB8



DFCA0F



588054



000000



808080

Same Dimension

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



23DF0F



19FF00



0FDF62



667065



11B000



053000

Inverse Universe

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



CB0FDF



E600FF



DF0F8C



6F6570



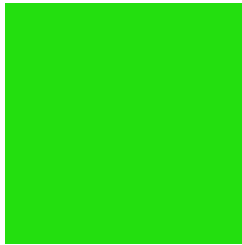
9F00B0



2C0030

Previews

White Background



This preview shows how the Hex color 23DF0F looks on a white background.

Color Contrast Check

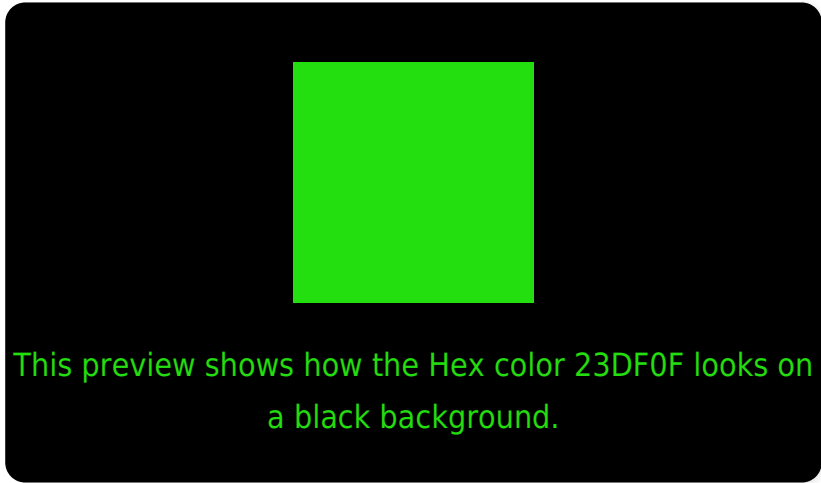
Large Text (above 18pt) WCAG AA × Fail

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 23DF0F Background



This preview shows how black text looks on a background with the Hex color 23DF0F.

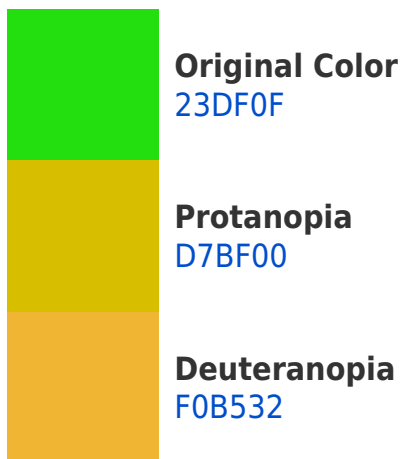


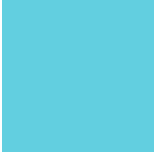
This preview shows how white text looks on a background with the Hex color 23DF0F.

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](#).

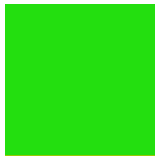
Dichromacy





Tritanopia
62CFE0

Trichromacy



Original Color
23DF0F



Protanomaly
96CB05

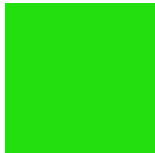


Deuteranomaly
A5C425



Tritanomaly
4BD594

Monochromacy



Original Color
23DF0F



Achromatopsia
8F8F8F



Achromatomaly
68AC60

CSS Examples

Text

The CSS property to change the color of the text to Hex 23DF0F 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 #23DF0F looks like.

```
.text, #text, p{  
    color:#23DF0F  
}
```

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 #23DF0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23DF0F
}
```

Border

The CSS property to change the border of an element to Hex 23DF0F is called "border". The border property can be set on classes, ids or directly on the HTML element.

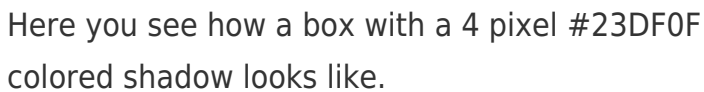
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#23DF0F }
```

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

```
.border{ border-color:#23DF0F }
```

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



Here you see how a box with a 4 pixel #23DF0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23DF0F; -webkit-box-shadow:4px 4px  
4px 4px #23DF0F; box-shadow:4px 4px 4px  
4px #23DF0F }
```

Background

The CSS property to change the background color of an element to Hex 23DF0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23DF0F }
```

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

```
.background{ background-color:#23DF0F }
```

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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