

Converting Colors

Hex(23D21E)

Have a look what the booklet for
Hex(23D21E) contains.

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Color

Hex(23D21E)

Conversions

Conversions Part 1

Format	Color
Hex	23D21E
RGB	35, 210, 30
RGB Percent	14%, 82%, 12%
CMY	0.8627, 0.1765, 0.8824
CMYK	0.83, 0.00, 0.86, 0.18
HSL	118°, 75%, 47%
HSV	118°, 86%, 82%
XYZ	23.9741, 46.5442, 8.9487
YIQ	137.1550, -46.5200, -93.0800

Conversions

Conversions Part 2

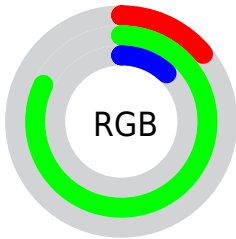
Format	Color
RYB	30, 210, 205
Decimal	2347550
CIELab	73.90, -71.57, 68.04
CIELCh	74, 98.753, 136.449
Yxy	46.5442, 0.3017, 0.5857
Android (android.graphics.Color)	4280537630 (0xFF23D21E)
YUV	137.1550, -52.8274, -89.5899
Hunter-Lab	68.2233, -56.6649, 39.9794

Details

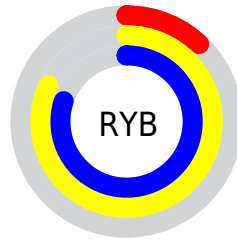
The Hex color **23D21E** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CD1ED2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **74FF5E**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **0FD209**, and if you desaturate by 10%, it is **37D233**.

Distribution



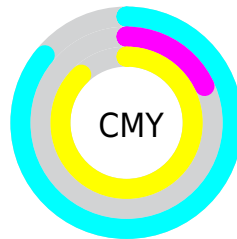
- Red (14%)
- Green (82%)
- Blue (12%)



- Red (12%)
- Yellow (82%)
- Blue (80%)



- Cyan (83%)
- Magenta (0%)
- Yellow (86%)
- Black (18%)



- Cyan (86%)
- Magenta (18%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23D21E 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 23D21E by changing the saturation by 10% instead.

 23D21E

 23D21E

FFFFFF

 00B600

 74FF5E

 009A00

 94FF7A

 007F00

 B4FF97

 006400

 D3FFB3

 004A00

 F2FFD0

 003200

 FFFFEE

 001600

 000000

 23D21E

 23D21E

■ 0FD209

■ 37D233

■ 06D200

■ 4CD248

■ 60D25D

■ 75D272

■ 89D287

■ 9ED29C

■ B2D2B1

■ C6D2C6

■ DBD2DB

Harmonies

Analogous

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



ACC100



23D21E



00DA88

Triad

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



23D21E



00CCFF



FF4488

Complementary

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



23D21E



CD1ED2

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.



FF4CE3



23D21E



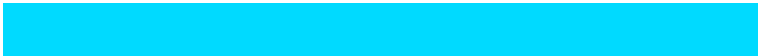
00B0FF

Square

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



23D21E



00DAFF



F582FF



FF762F

Rectangle

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



23D21E



00DDC8



F582FF



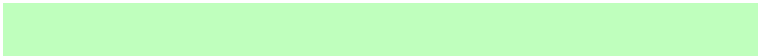
FF3DA6

Sweetspot

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



23D21E



BFFFBD



D2CC1E



598058



000000



808080

Same Dimension

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



23D21E



07FF00



1ED272



5E695E



05A800



012900

Inverse Universe

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



CD1ED2



F800FF



D21E7E



685E69



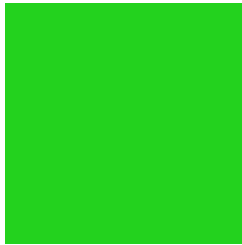
A400A8



280029

Previews

White Background



This preview shows how the Hex color 23D21E looks on a white background.

Color Contrast Check

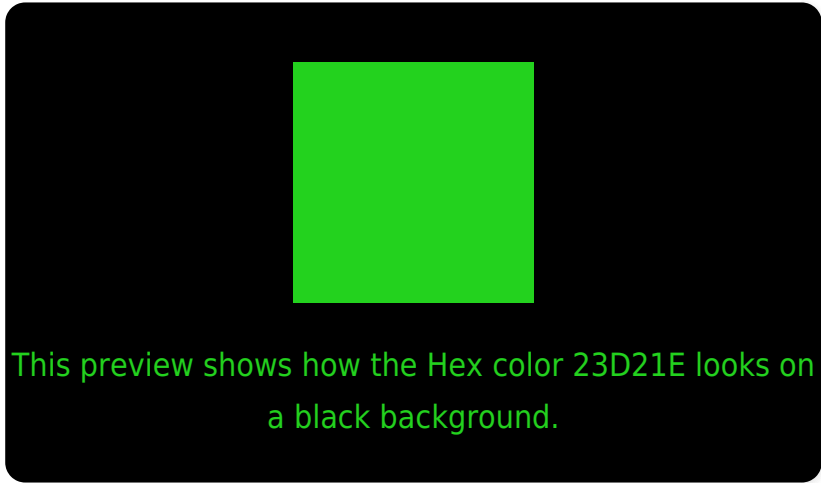
Large Text (above 18pt) WCAG AA × Fail

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 23D21E Background



This preview shows how black text looks on a background with the Hex color 23D21E.

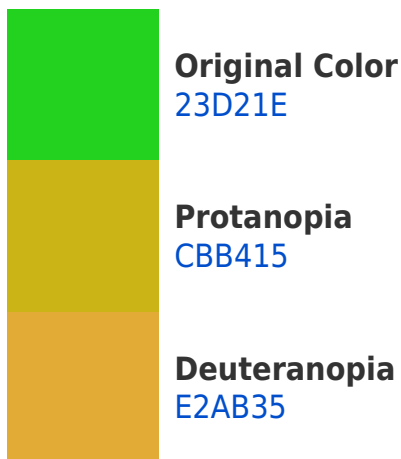


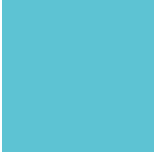
This preview shows how white text looks on a background with the Hex color 23D21E.

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
5DC3D3

Trichromacy



Original Color
23D21E



Protanomaly
8EBF18



Deuteranomaly
9DB92D



Tritanomaly
48C891

Monochromacy



Original Color
23D21E



Achromatopsia
898989



Achromatomaly
64A462

CSS Examples

Text

The CSS property to change the color of the text to Hex 23D21E 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 #23D21E looks like.

```
.text, #text, p{  
    color:#23D21E  
}
```

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 #23D21E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23D21E
}
```

Border

The CSS property to change the border of an element to Hex 23D21E 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".

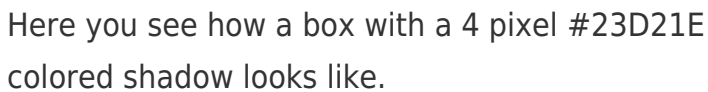
```
.border, #border, table{ border:4px solid
#23D21E }
```

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

```
.border{ border-color:#23D21E }
```

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

Here you see how a box with a 4 pixel #23D21E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23D21E; -webkit-box-shadow:4px 4px  
4px 4px #23D21E; box-shadow:4px 4px 4px  
4px #23D21E }
```

Background

The CSS property to change the background color of an element to Hex 23D21E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23D21E }
```

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

```
.background{ background-color:#23D21E }
```

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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