

Converting Colors

Hex(4EDC23)

Have a look what the booklet for
Hex(4EDC23) contains.

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Color

Hex(4EDC23)

Conversions

Conversions Part 1

Format	Color
Hex	4EDC23
RGB	78, 220, 35
RGB Percent	31%, 86%, 14%
CMY	0.6941, 0.1373, 0.8627
CMYK	0.65, 0.00, 0.84, 0.14
HSL	106°, 73%, 50%
HSV	106°, 84%, 86%
XYZ	29.0385, 52.9274, 10.2756
YIQ	156.4520, -25.2470, -87.6390

Conversions

Conversions Part 2

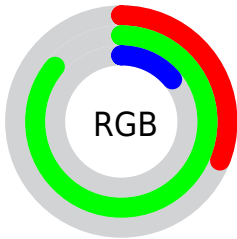
Format	Color
RYB	35, 220, 177
Decimal	5168163
CIELab	77.83, -67.69, 70.72
CIELCh	78, 97.898, 133.746
Yxy	52.9274, 0.3148, 0.5738
Android (android.graphics.Color)	4283358243 (0xFF4EDC23)
YUV	156.4520, -59.8758, -68.8024
Hunter-Lab	72.7513, -56.0669, 42.5515

Details

The Hex color **4EDC23** 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 **B123DC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **90FF63**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **3DDC0D**, and if you desaturate by 10%, it is **5FDC39**.

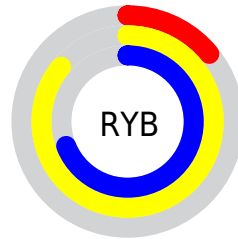
Distribution



Red (31%)

Green (86%)

Blue (14%)



Red (14%)

Yellow (86%)

Blue (69%)

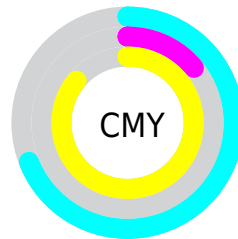


Cyan (65%)

Magenta (0%)

Yellow (84%)

Black (14%)



Cyan (69%)

Magenta (14%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EDC23 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 4EDC23 by changing the saturation by 10% instead.

 4EDC23

 4EDC23

FFFFFF

 23BF00

 90FF63

 00A400

 AFFF7F

 008800

 CEFF9C

 006E00

 ECFFB9

 005400

 FFFFD6

 003B00

 FFFFF4

 002200

 000000

 4EDC23

 4EDC23

 3DDC0D

 5FDC39

 33DC00

 70DC4F

 81DC65

 92DC7B

 A2DC91

 B3DCA7

 C4DCBD

 D5DCD3

 E6DCE9

Harmonies

Analogous

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



C1C900



4EDC23



00E58A

Triad

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



4EDC23



00D9FF



FF549B

Complementary

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



4EDC23



B123DC

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.



FF61F6



4EDC23



00BEFF

Square

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



4EDC23



00E5FF



F792FF



FF7E44

Rectangle

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



4EDC23



00E8CA



F792FF



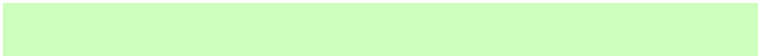
FF50B9

Sweetspot

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



4EDC23



CEFFBF



DCB123



628059



000000



808080

Same Dimension

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



4EDC23



3BFF00



23DC54



656E63



28AD00



0B2E00

Inverse Universe

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



B123DC



C400FF



DC23AB



6B636E



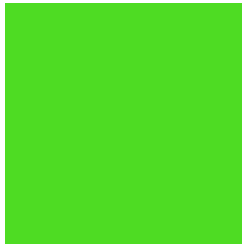
8500AD



23002E

Previews

White Background



This preview shows how the Hex color 4EDC23 looks on a white background.

Color Contrast Check

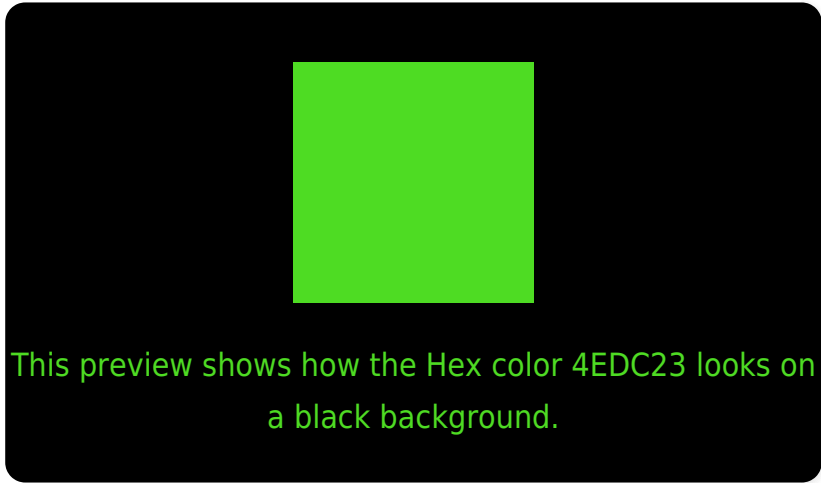
Large Text (above 18pt) WCAG AA × Fail

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

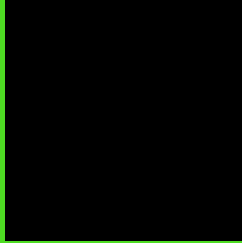
Any Text WCAG AA ✓ Pass

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 4EDC23 Background



This preview shows how black text looks on a background with the Hex color 4EDC23.

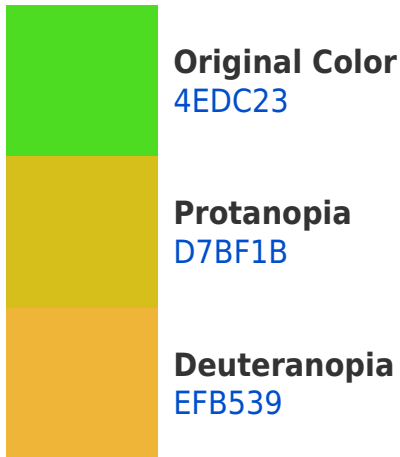


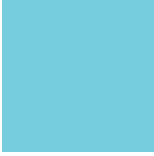
This preview shows how white text looks on a background with the Hex color 4EDC23.

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](#).

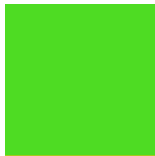
Dichromacy





Tritanopia
75CDDD

Trichromacy



Original Color
4EDC23



Protanomaly
A5CA1E



Deuteranomaly
B4C331



Tritanomaly
67D299

Monochromacy



Original Color
4EDC23



Achromatopsia
9C9C9C



Achromatomaly
80B370

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EDC23 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 #4EDC23 looks like.

```
.text, #text, p{  
    color:#4EDC23  
}
```

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 #4EDC23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EDC23
}
```

Border

The CSS property to change the border of an element to Hex 4EDC23 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
#4EDC23 }
```

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

```
.border{ border-color:#4EDC23 }
```

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

Here you see how a box with a 4 pixel #4EDC23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EDC23; -webkit-box-shadow:4px 4px  
4px 4px #4EDC23; box-shadow:4px 4px 4px  
4px #4EDC23 }
```

Background

The CSS property to change the background color of an element to Hex 4EDC23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EDC23 }
```

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

```
.background{ background-color:#4EDC23 }
```

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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