

Converting Colors

Hex(23C932)

Have a look what the booklet for
Hex(23C932) contains.

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Color

Hex(23C932)

Conversions

Conversions Part 1

Format	Color
Hex	23C932
RGB	35, 201, 50
RGB Percent	14%, 79%, 20%
CMY	0.8627, 0.2118, 0.8039
CMYK	0.83, 0.00, 0.75, 0.21
HSL	125°, 70%, 46%
HSV	125°, 83%, 79%
XYZ	22.1555, 42.3609, 10.0264
YIQ	134.1520, -50.4650, -82.1530

Conversions

Conversions Part 2

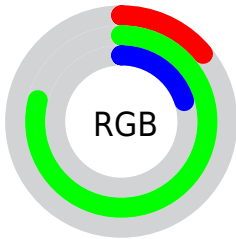
Format	Color
RYB	35, 187, 201
Decimal	2345266
CIELab	71.12, -67.80, 59.89
CIELCh	71, 90.461, 138.543
Yxy	42.3609, 0.2972, 0.5683
Android (android.graphics.Color)	4280535346 (0xFF23C932)
YUV	134.1520, -41.4869, -86.9563
Hunter-Lab	65.0853, -53.1365, 36.4261

Details

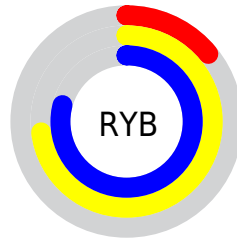
The Hex color **23C932** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C923BA**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **71FF6A**, and **009100** is the 20% darker color. If you saturate the color by 10%, you get **0FC920**, and if you desaturate by 10%, it is **37C944**.

Distribution



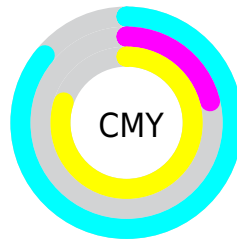
- Red (14%)
- Green (79%)
- Blue (20%)



- Red (14%)
- Yellow (73%)
- Blue (79%)



- Cyan (83%)
- Magenta (0%)
- Yellow (75%)
- Black (21%)



- Cyan (86%)
- Magenta (21%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23C932 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 23C932 by changing the saturation by 10% instead.

 23C932

 23C932

FFFFFF

 00AD0D

 71FF6A

 009100

 90FF86

 007600

 AFFFA2

 005C00

 CEFFBE

 004300

 EDFFD8

 002B00

 FFFFF8

 000800

 000000

 23C932

 23C932

■ 0FC920

■ 37C944

■ 00C912

■ 4BC957

■ 5FC969

■ 73C97B

■ 88C98D

■ 9CC9A0

■ B0C9B2

■ C4C9C4

■ D8C9D7

Harmonies

Analogous

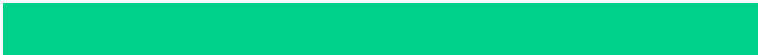
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1BA00



23C932



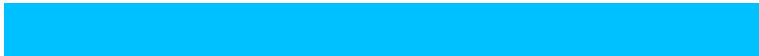
00D08B

Triad

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



23C932



00C1FF



FF517F

Complementary

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



23C932



C923BA

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.



FF52D1



23C932



52A6FF

Square

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



23C932



00CFFF



EF7DFF



FF7930

Rectangle

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



23C932



00D2C4



EF7DFF



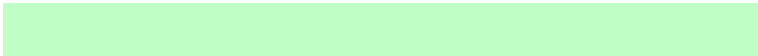
FF4A9A

Sweetspot

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



23C932



BFFFC5



BBC923



59805D



000000



808080

Same Dimension

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



23C932



03FF19



23C984



5A635A



00A30F



002403

Inverse Universe

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



C923BA



FF03E8



C92368



635A63



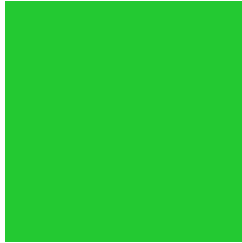
A30094



240020

Previews

White Background



This preview shows how the Hex color 23C932 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 23C932 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 23C932 Background



This preview shows how black text looks on a background with the Hex color 23C932.

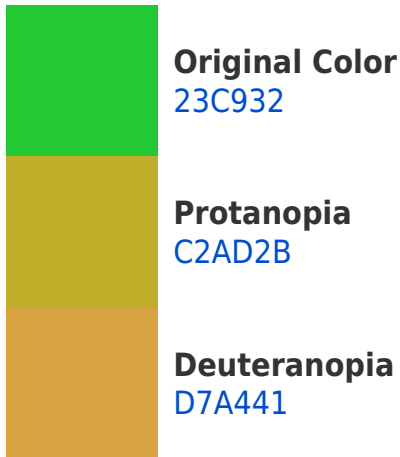


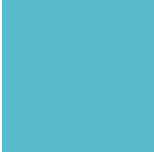
This preview shows how white text looks on a background with the Hex color 23C932.

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
58BBCB

Trichromacy



Original Color
23C932



Protanomaly
88B72E



Deuteranomaly
96B13C



Tritanomaly
45C093

Monochromacy



Original Color
23C932



Achromatopsia
868686



Achromatomaly
629E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 23C932 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 #23C932 looks like.

```
.text, #text, p{  
    color:#23C932  
}
```

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 #23C932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23C932
}
```

Border

The CSS property to change the border of an element to Hex 23C932 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
#23C932 }
```

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

```
.border{ border-color:#23C932 }
```

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

Here you see how a box with a 4 pixel #23C932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23C932; -webkit-box-shadow:4px 4px  
4px 4px #23C932; box-shadow:4px 4px 4px  
4px #23C932 }
```

Background

The CSS property to change the background color of an element to Hex 23C932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23C932 }
```

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

```
.background{ background-color:#23C932 }
```

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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