

Converting Colors

Hex(23AE2B)

Have a look what the booklet for
Hex(23AE2B) contains.

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Color

Hex(23AE2B)

Conversions

Conversions Part 1

Format	Color
Hex	23AE2B
RGB	35, 174, 43
RGB Percent	14%, 68%, 17%
CMY	0.8627, 0.3176, 0.8314
CMYK	0.80, 0.00, 0.75, 0.32
HSL	123°, 67%, 41%
HSV	123°, 80%, 68%
XYZ	16.2652, 30.8038, 7.3740
YIQ	117.5050, -40.7930, -70.2090

Conversions

Conversions Part 2

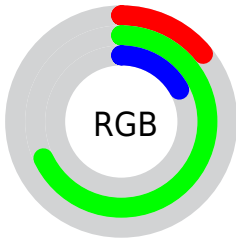
Format	Color
RYB	35, 166, 174
Decimal	2338347
CIELab	62.34, -60.09, 53.55
CIELCh	62, 80.485, 138.292
Yxy	30.8038, 0.2988, 0.5658
Android (android.graphics.Color)	4280528427 (0xFF23AE2B)
YUV	117.5050, -36.7310, -72.3569
Hunter-Lab	55.5012, -44.8158, 30.9735

Details

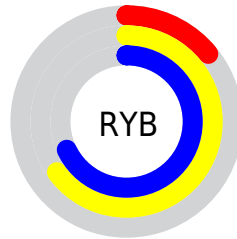
The Hex color **23AE2B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE23A6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6AE761**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **12AE1B**, and if you desaturate by 10%, it is **34AE3B**.

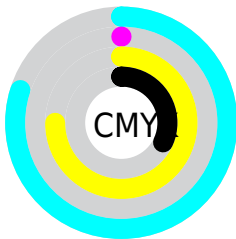
Distribution



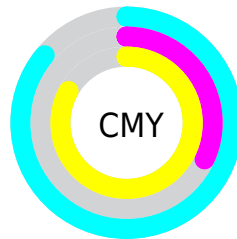
- Red (14%)
- Green (68%)
- Blue (17%)



- Red (14%)
- Yellow (65%)
- Blue (68%)



- Cyan (80%)
- Magenta (0%)
- Yellow (75%)
- Black (32%)



- Cyan (86%)
- Magenta (32%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23AE2B 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 23AE2B by changing the saturation by 10% instead.

 23AE2B

 23AE2B

FFFFFF

 009306

 6AE761

 007800

 88FF7C

 005E00

 A6FF98

 004500

 C4FFB3

 002E00

 E2FFD0

 000F00

 FFFFED

 000000

 23AE2B

 23AE2B

 12AE1B

 34AE3B

 00AE0A

 46AE4C

 57AE5C

 69AE6D

 7AAE7D

 8BAE8D

 9DAE9E

 AEAEAE

 C0AEBF

Harmonies

Analogous

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



8CA100



23AE2B



00B577

Triad

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



23AE2B



00A7FF



FF476F

Complementary

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



23AE2B



AE23A6

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.



FF48B6



23AE2B



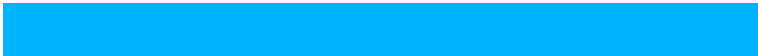
4790FF

Square

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



23AE2B



00B3FF



CF6DF7



FC682A

Rectangle

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



23AE2B



00B6A9



CF6DF7



FF4186

Sweetspot

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



23AE2B



ACE3B0



A7AE23



517353



F2F2F2



737373

Same Dimension

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



23AE2B



09E316



23AE6F



4E574F



009609



001701

Inverse Universe

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



AE23A6



E309D6



AE2362



574E56



96008E



170016

Previews

White Background



This preview shows how the Hex color 23AE2B looks on a white background.

Color Contrast Check

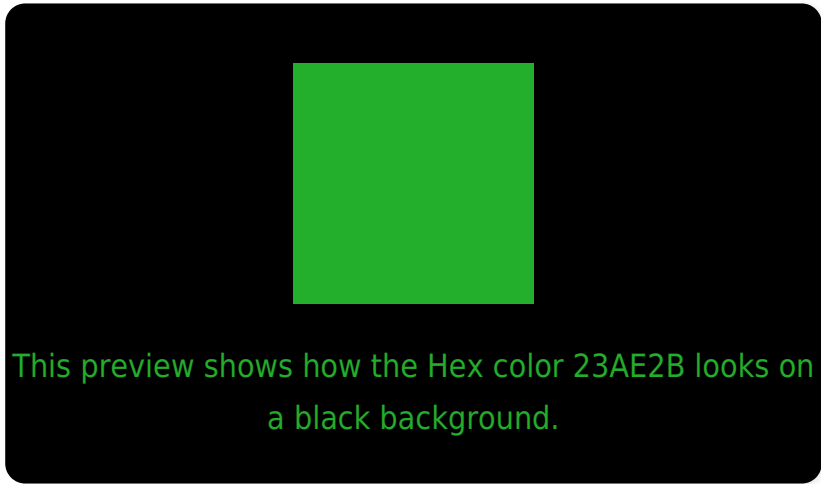
Large Text (above 18pt) WCAG AA × Fail

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 23AE2B Background



This preview shows how black text looks on a background with the Hex color 23AE2B.

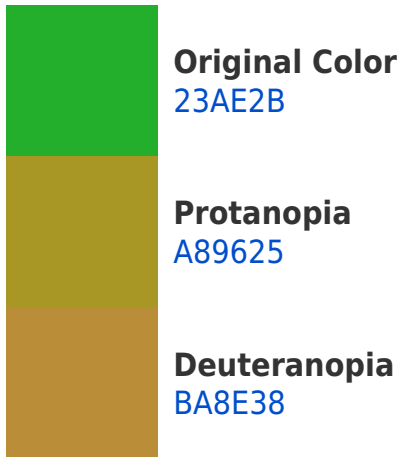


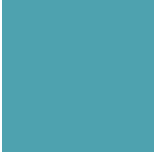
This preview shows how white text looks on a background with the Hex color 23AE2B.

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



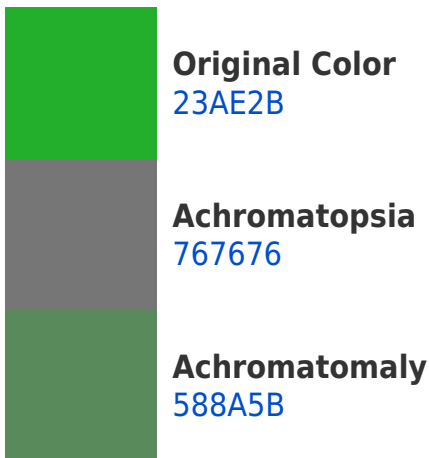


Tritanopia
4EA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23AE2B 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 #23AE2B looks like.

```
.text, #text, p{  
    color:#23AE2B  
}
```

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 #23AE2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AE2B
}
```

Border

The CSS property to change the border of an element to Hex 23AE2B 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
#23AE2B }
```

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

```
.border{ border-color:#23AE2B }
```

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

Here you see how a box with a 4 pixel #23AE2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AE2B; -webkit-box-shadow:4px 4px  
4px 4px #23AE2B; box-shadow:4px 4px 4px  
4px #23AE2B }
```

Background

The CSS property to change the background color of an element to Hex 23AE2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AE2B }
```

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

```
.background{ background-color:#23AE2B }
```

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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