

Converting Colors

Hex(23B06A)

Have a look what the booklet for
Hex(23B06A) contains.

Hex(23B06A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(23B06A)

Conversions

Conversions Part 1

Format	Color
Hex	23B06A
RGB	35, 176, 106
RGB Percent	14%, 69%, 42%
CMY	0.8627, 0.3098, 0.5843
CMYK	0.80, 0.00, 0.40, 0.31
HSL	150°, 67%, 41%
HSV	150°, 80%, 69%
XYZ	18.8200, 32.4486, 18.9070
YIQ	125.8610, -61.5660, -51.6620

Conversions

Conversions Part 2

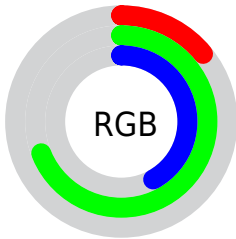
Format	Color
RYB	35, 129, 176
Decimal	2338922
CIELab	63.71, -52.16, 25.85
CIELCh	64, 58.215, 153.632
Yxy	32.4486, 0.2682, 0.4624
Android (android.graphics.Color)	4280529002 (0xFF23B06A)
YUV	125.8610, -9.7915, -79.6851
Hunter-Lab	56.9637, -40.7126, 20.1955

Details

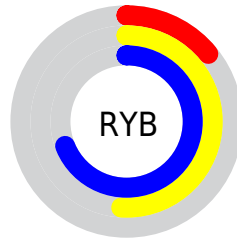
The Hex color **23B06A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B02369**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **68E99E**, and **007A3A** is the 20% darker color. If you saturate the color by 10%, you get **11B061**, and if you desaturate by 10%, it is **35B073**.

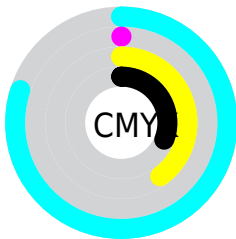
Distribution



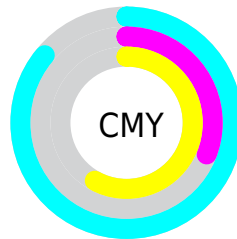
- Red (14%)
- Green (69%)
- Blue (42%)



- Red (14%)
- Yellow (51%)
- Blue (69%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (86%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Hex color 23B06A 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 23B06A by changing the saturation by 10% instead.

 23B06A

 23B06A

FFFFFF

 009551

 68E99E

 007A3A

 86FFB9

 006023

 A4FFD5

 00470C

 C1FFF1

 003000

 DFFFFF


 001500

FEFFFF

 000000

 23B06A

 23B06A

 11B061

 35B073

 00B059

 46B07B

 58B084

 69B08D

 7BB096

 8DB09E

 9EB0A7

 B0B0B0

 C1B0B9

Harmonies

Analogous

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



7BA83E



23B06A



00B39F

Triad

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



23B06A



2D9EFF



F47364

Complementary

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



23B06A



B02369

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.



F86A96



23B06A



A48AF1

Square

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



23B06A



00ACF7



DE75C9



DA873B

Rectangle

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



23B06A



00B3C2



DE75C9



F86E74

Sweetspot

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



23B06A



AEE6CA



6AB023



517362



F2F2F2



737373

Same Dimension

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



23B06A



09E678



23B0B0



505955



00994D



001A0D

Inverse Universe

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



B02369



E60977



B02323



595055



99004C



1A000D

Previews

White Background



This preview shows how the Hex color 23B06A looks on a white background.

Color Contrast Check

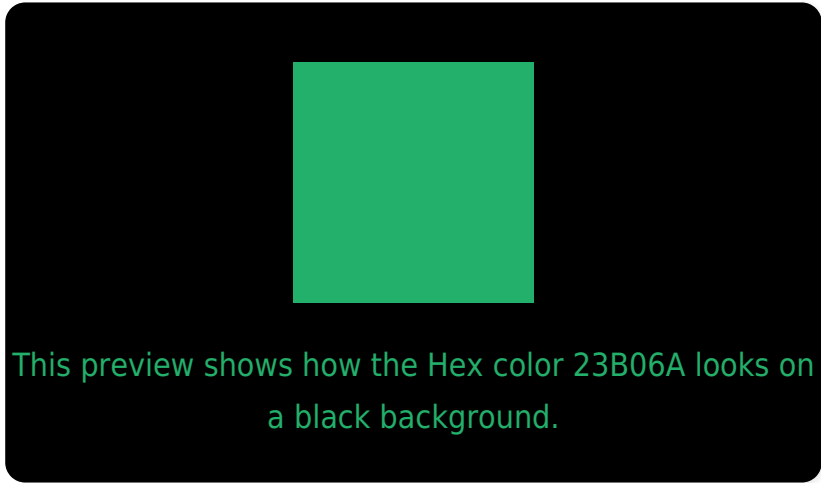
Large Text (above 18pt) WCAG AA × Fail

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

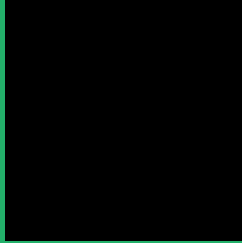
Any Text WCAG AA ✓ Pass

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 23B06A Background



This preview shows how black text looks on a background with the Hex color 23B06A.



This preview shows how white text looks on a background with the Hex color 23B06A.

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
47A7B5

Trichromacy



Original Color
23B06A



Protanomaly
77A164



Deuteranomaly
809E6E



Tritanomaly
3AAA9A

Monochromacy



Original Color
23B06A



Achromatopsia
7E7E7E



Achromatomaly
5D9077

CSS Examples

Text

The CSS property to change the color of the text to Hex 23B06A 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 #23B06A looks like.

```
.text, #text, p{  
    color:#23B06A  
}
```

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 #23B06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23B06A
}
```

Border

The CSS property to change the border of an element to Hex 23B06A 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
#23B06A }
```

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

```
.border{ border-color:#23B06A }
```

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

Here you see how a box with a 4 pixel #23B06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23B06A; -webkit-box-shadow:4px 4px  
4px 4px #23B06A; box-shadow:4px 4px 4px  
4px #23B06A }
```

Background

The CSS property to change the background color of an element to Hex 23B06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23B06A }
```

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

```
.background{ background-color:#23B06A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor