

Converting Colors

Hex(23AF65)

Have a look what the booklet for
Hex(23AF65) contains.

Hex(23AF65)	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(23AF65)

Conversions

Conversions Part 1

Format	Color
Hex	23AF65
RGB	35, 175, 101
RGB Percent	14%, 69%, 40%
CMY	0.8627, 0.3137, 0.6039
CMYK	0.80, 0.00, 0.42, 0.31
HSL	148°, 67%, 41%
HSV	148°, 80%, 69%
XYZ	18.3721, 31.9569, 17.5119
YIQ	124.7040, -59.6860, -52.6940

Conversions

Conversions Part 2

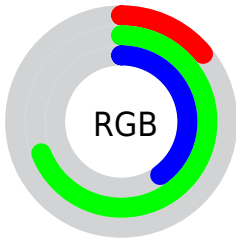
Format	Color
RYB	35, 130, 175
Decimal	2338661
CIELab	63.31, -52.74, 27.97
CIELCh	63, 59.703, 152.062
Yxy	31.9569, 0.2708, 0.4711
Android (android.graphics.Color)	4280528741 (0xFF23AF65)
YUV	124.7040, -11.6861, -78.6704
Hunter-Lab	56.5304, -40.9167, 21.2045

Details

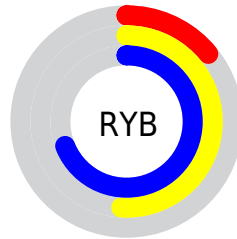
The Hex color **23AF65** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AF236D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **68E899**, and **007935** is the 20% darker color. If you saturate the color by 10%, you get **11AF5C**, and if you desaturate by 10%, it is **35AF6E**.

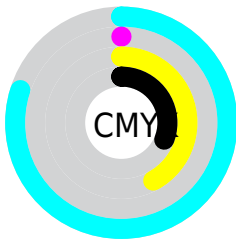
Distribution



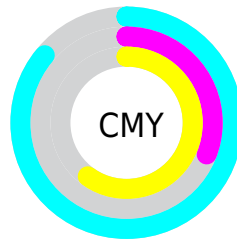
- Red (14%)
- Green (69%)
- Blue (40%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (42%)
- Black (31%)



- Cyan (86%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23AF65 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 23AF65 by changing the saturation by 10% instead.

 23AF65

 23AF65

FFFFFF

 00944C

 68E899

 007935

 86FFB4

 005F1E

 A3FFCF

 004606

 C1FFEC

 003000

 DFFFFFF


 001400

FDFFFF

 000000

 23AF65

 23AF65

 11AF5C

 35AF6E

■ 00AF53

■ 46AF78

■ 58AF81

■ 69AF8A

■ 7AAF93

■ 8CAF9D

■ 9EAF A6

■ AF AF AF

■ C1AFB8

Harmonies

Analogous

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



7CA638



23AF65



00B39B

Triad

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



23AF65



009EFF



F67064

Complementary

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



23AF65



AF236D

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.



F86798



23AF65



9F8AF4

Square

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



23AF65



00ACF7



DC73CC



DC8439

Rectangle

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



23AF65



00B3C0



DC73CC



F96B74

Sweetspot

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



23AF65



ACE3C6



6EAF23



517361



F2F2F2



737373

Same Dimension

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



23AF65



09E370



23AFAA



4E5752



009647



00170B

Inverse Universe

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



AF236D



E3097C



AF2328



574E53



960050



17000C

Previews

White Background



This preview shows how the Hex color 23AF65 looks on a white background.

Color Contrast Check

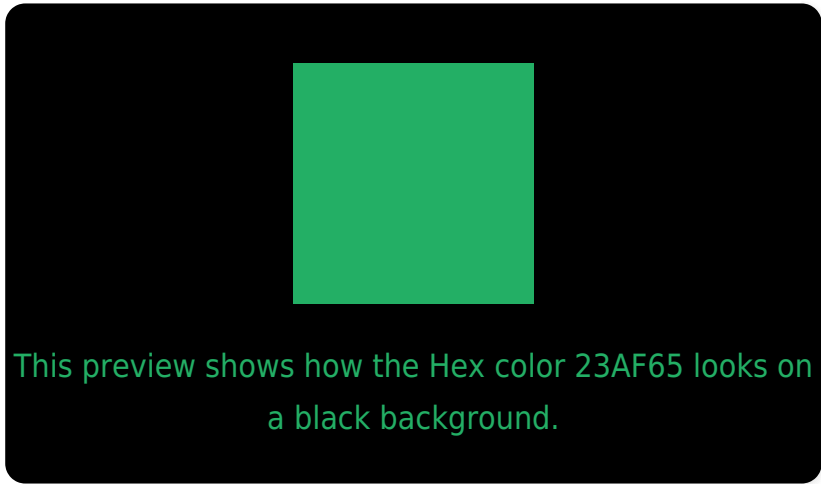
Large Text (above 18pt) WCAG AA × Fail

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

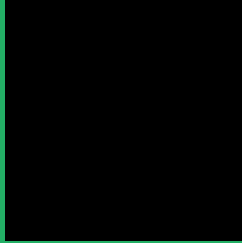
Any Text WCAG AA ✓ Pass

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 23AF65 Background



This preview shows how black text looks on a background with the Hex color 23AF65.



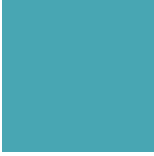
This preview shows how white text looks on a background with the Hex color 23AF65.

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](#).

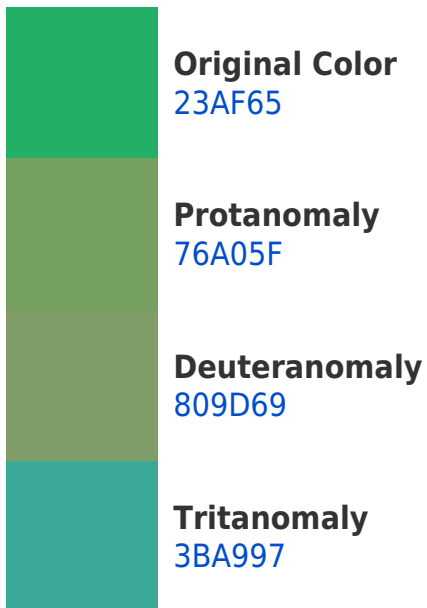
Dichromacy



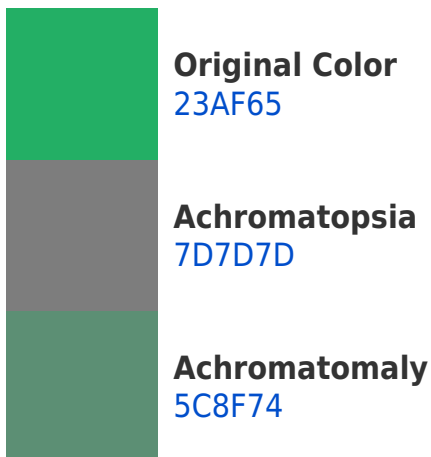


Tritanopia
48A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23AF65 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 #23AF65 looks like.

```
.text, #text, p{  
    color:#23AF65  
}
```

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 #23AF65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AF65
}
```

Border

The CSS property to change the border of an element to Hex 23AF65 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
#23AF65 }
```

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

```
.border{ border-color:#23AF65 }
```

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

Here you see how a box with a 4 pixel #23AF65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AF65; -webkit-box-shadow:4px 4px  
4px 4px #23AF65; box-shadow:4px 4px 4px  
4px #23AF65 }
```

Background

The CSS property to change the background color of an element to Hex 23AF65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AF65 }
```

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

```
.background{ background-color:#23AF65 }
```

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