

Converting Colors

Hex(37AE64)

Have a look what the booklet for
Hex(37AE64) contains.

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Color

Hex(37AE64)

Conversions

Conversions Part 1

Format	Color
Hex	37AE64
RGB	55, 174, 100
RGB Percent	22%, 68%, 39%
CMY	0.7843, 0.3176, 0.6078
CMYK	0.68, 0.00, 0.43, 0.32
HSL	143°, 52%, 45%
HSV	143°, 68%, 68%
XYZ	19.0119, 32.0044, 17.2320
YIQ	129.9830, -47.1700, -48.2420

Conversions

Conversions Part 2

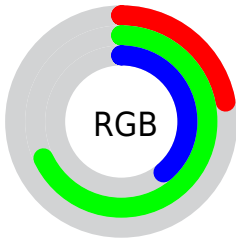
Format	Color
RYB	55, 141, 174
Decimal	3649124
CIELab	63.35, -49.60, 28.62
CIELCh	63, 57.263, 150.011
Yxy	32.0044, 0.2786, 0.4689
Android (android.graphics.Color)	4281839204 (0xFF37AE64)
YUV	129.9830, -14.7816, -65.7601
Hunter-Lab	56.5725, -39.0147, 21.5409

Details

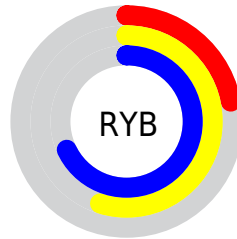
The Hex color **37AE64** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE3781**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **74E698**, and **007834** is the 20% darker color. If you saturate the color by 10%, you get **26AE59**, and if you desaturate by 10%, it is **48AE6F**.

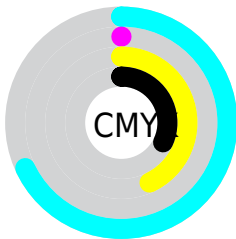
Distribution



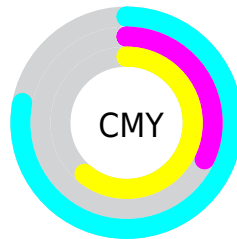
- Red (22%)
- Green (68%)
- Blue (39%)



- Red (22%)
- Yellow (55%)
- Blue (68%)



- Cyan (68%)
- Magenta (0%)
- Yellow (43%)
- Black (32%)



- Cyan (78%)
- Magenta (32%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37AE64 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 37AE64 by changing the saturation by 10% instead.

 37AE64

 37AE64

FFFFFF

 08934B

 74E698

 007834

 91FFB3

 005F1D

 AEFFCE

 004604

 CBFFEB

 002F00

 E9FFFF

 001400

 000000

 37AE64

 37AE64

 26AE59

 48AE6F

 14AE4E

 5AAE7A

 03AE44

 6BAE84

 00AE42

 7DAE8F

 8EAE9A

 9FAEA5

 B1AEB0

 C2AEBB

 D4AEC5

Harmonies

Analogous

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



81A53B



37AE64



00B298

Triad

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



37AE64



009FFF



F47169

Complementary

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



37AE64



AE3781

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.



F46B9B



37AE64



9A8CF2

Square

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



37AE64



00ACF1



D777CD



DC8440

Rectangle

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



37AE64



00B2BB



D777CD



F76D79

Sweetspot

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



37AE64



B3E3C5



82AE37



567361



F2F2F2



737373

Same Dimension

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



37AE64



29E36F



37AE9E



4E5751



009639



001709

Inverse Universe

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



AE3781



E3299D



AE3747



574E53



96005E



17000E

Previews

White Background



This preview shows how the Hex color 37AE64 looks on a white background.

Color Contrast Check

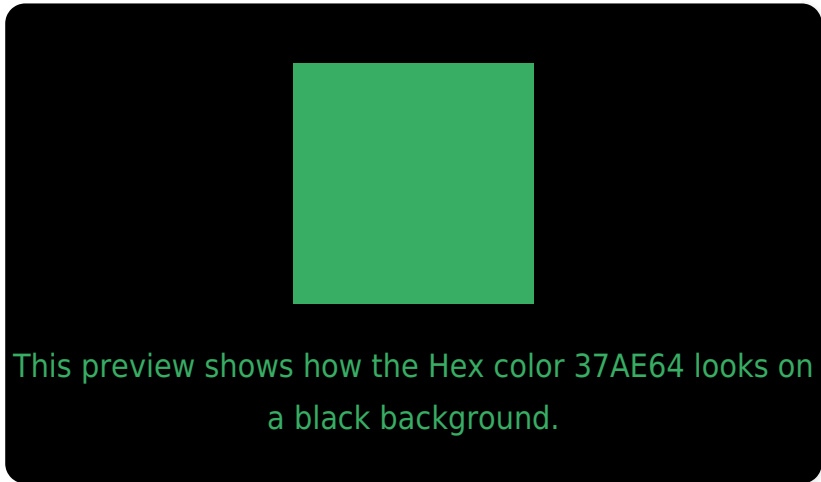
Large Text (above 18pt) WCAG AA × Fail

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 37AE64 Background



This preview shows how black text looks on a background with the Hex color 37AE64.



This preview shows how white text looks on a background with the Hex color 37AE64.

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](#).

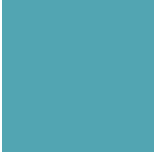
Dichromacy



Original Color
37AE64

Protanopia
A6985C

Deuteranopia
B5926B



Tritanopia
52A5B2

Trichromacy



Original Color

37AE64



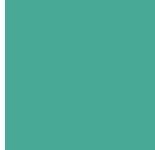
Protanomaly

7EA05F



Deuteranomaly

879C68



Tritanomaly

48A896

Monochromacy



Original Color

37AE64



Achromatopsia

828282



Achromatomaly

679277

CSS Examples

Text

The CSS property to change the color of the text to Hex 37AE64 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 #37AE64 looks like.

```
.text, #text, p{  
    color:#37AE64  
}
```

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 #37AE64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37AE64
}
```

Border

The CSS property to change the border of an element to Hex 37AE64 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
#37AE64 }
```

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

```
.border{ border-color:#37AE64 }
```

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

Here you see how a box with a 4 pixel #37AE64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37AE64; -webkit-box-shadow:4px 4px  
4px 4px #37AE64; box-shadow:4px 4px 4px  
4px #37AE64 }
```

Background

The CSS property to change the background color of an element to Hex 37AE64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37AE64 }
```

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

```
.background{ background-color:#37AE64 }
```

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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