

Converting Colors

Hex(37AD93)

Have a look what the booklet for
Hex(37AD93) contains.

Hex(37AD93)	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(37AD93)

Conversions

Conversions Part 1

Format	Color
Hex	37AD93
RGB	55, 173, 147
RGB Percent	22%, 68%, 58%
CMY	0.7843, 0.3216, 0.4235
CMYK	0.68, 0.00, 0.15, 0.32
HSL	167°, 52%, 45%
HSV	167°, 68%, 68%
XYZ	21.7856, 32.8059, 32.7877
YIQ	134.7540, -61.9820, -33.1020

Conversions

Conversions Part 2

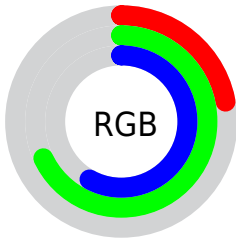
Format	Color
RYB	55, 121, 173
Decimal	3648915
CIELab	64.00, -38.85, 3.88
CIElCh	64, 39.042, 174.292
Yxy	32.8059, 0.2493, 0.3754
Android (android.graphics.Color)	4281838995 (0xFF37AD93)
YUV	134.7540, 6.0373, -69.9443
Hunter-Lab	57.2765, -32.3399, 6.1532

Details

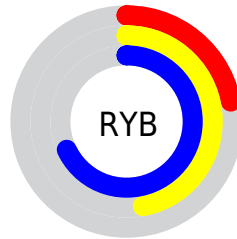
The Hex color **37AD93** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD3751**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **75E5C9**, and **007861** is the 20% darker color. If you saturate the color by 10%, you get **26AD8F**, and if you desaturate by 10%, it is **48AD97**.

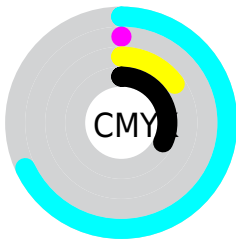
Distribution



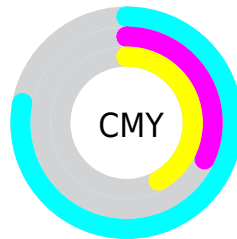
- Red (22%)
- Green (68%)
- Blue (58%)



- Red (22%)
- Yellow (47%)
- Blue (68%)



- Cyan (68%)
- Magenta (0%)
- Yellow (15%)
- Black (32%)



- Cyan (78%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37AD93 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 37AD93 by changing the saturation by 10% instead.

 37AD93

 37AD93

FFFFFF

 069279

 75E5C9

 007861

 92FFE5

 005E49

 AFFFFF


 004632

 CCFFFF

 002F1D

 EAFFFF

 001704

 000000

 37AD93

 37AD93

 26AD8F

 48AD97

 14AD8B

 5AAD9B

 03AD88

 6BAD9E

 00AD87

 7CADA2

 8EADA6

 9FADAA

 B0ADAE

 C1ADB1

 D3ADB5

Harmonies

Analogous

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



6CA971



37AD93



00ADB7

Triad

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



37AD93



9595DA



D18A64

Complementary

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



37AD93



AD3751

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.



DE8180



37AD93



C088C4

Square

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



37AD93



58A1E0



D980A3



B79755

Rectangle

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



37AD93



00ABCB



D980A3



D7876C

Sweetspot

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



37AD93



B4E0D7



53AD37



55706A



F0F0F0



707070

Same Dimension

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



37AD93



28E0B8



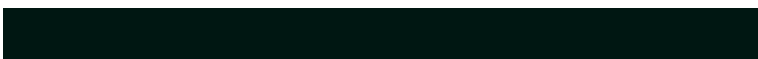
378EAD



4E5755



009675



001712

Inverse Universe

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



AD3751



E02851



AD5637



574E50



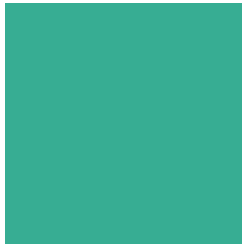
960021



170005

Previews

White Background



This preview shows how the Hex color 37AD93 looks on a white background.

Color Contrast Check

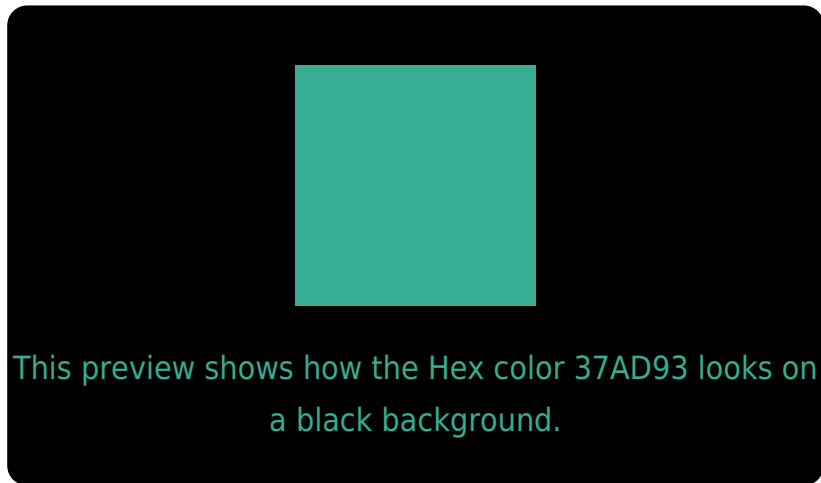
Large Text (above 18pt) WCAG AA × Fail

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

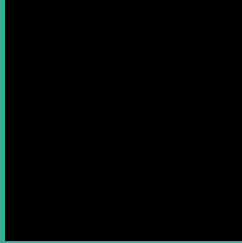
Any Text WCAG AA ✓ Pass

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 37AD93 Background



This preview shows how black text looks on a background with the Hex color 37AD93.

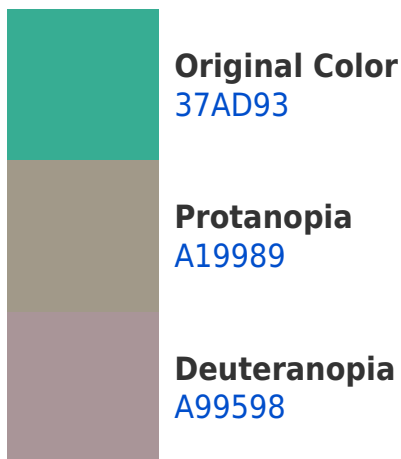


This preview shows how white text looks on a background with the Hex color 37AD93.

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](#).

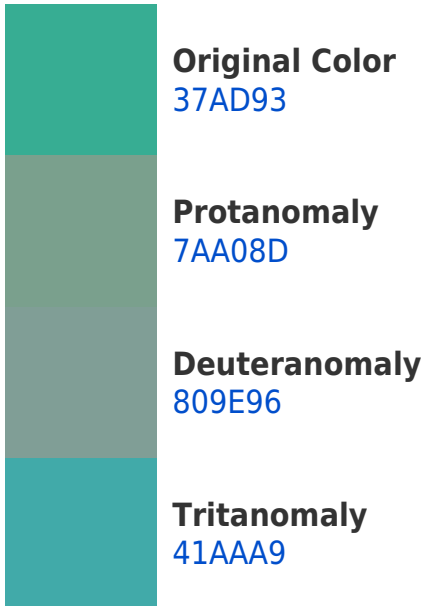
Dichromacy



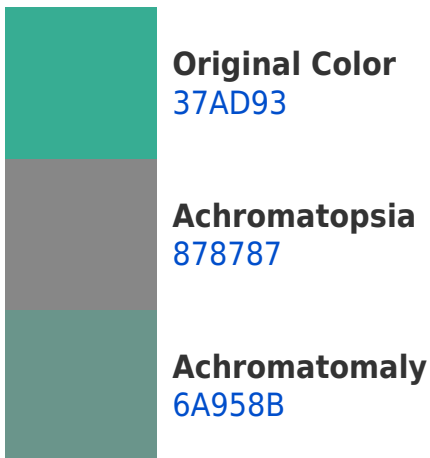


Tritanopia
47A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37AD93 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 #37AD93 looks like.

```
.text, #text, p{  
    color:#37AD93  
}
```

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 #37AD93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37AD93
}
```

Border

The CSS property to change the border of an element to Hex 37AD93 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
#37AD93 }
```

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

```
.border{ border-color:#37AD93 }
```

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

Here you see how a box with a 4 pixel #37AD93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37AD93; -webkit-box-shadow:4px 4px  
4px 4px #37AD93; box-shadow:4px 4px 4px  
4px #37AD93 }
```

Background

The CSS property to change the background color of an element to Hex 37AD93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37AD93 }
```

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

```
.background{ background-color:#37AD93 }
```

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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