

Converting Colors

Hex(37A391)

Have a look what the booklet for
Hex(37A391) contains.

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Color

Hex(37A391)

Conversions

Conversions Part 1

Format	Color
Hex	37A391
RGB	55, 163, 145
RGB Percent	22%, 64%, 57%
CMY	0.7843, 0.3608, 0.4314
CMYK	0.66, 0.00, 0.11, 0.36
HSL	170°, 50%, 43%
HSV	170°, 66%, 64%
XYZ	19.7836, 29.0509, 31.3528
YIQ	128.6560, -58.5900, -28.4940

Conversions

Conversions Part 2

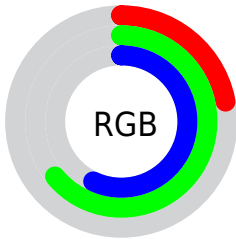
Format	Color
RYB	55, 114, 163
Decimal	3646353
CIELab	60.83, -34.83, 0.39
CIElCh	61, 34.833, 179.358
Yxy	29.0509, 0.2467, 0.3623
Android (android.graphics.Color)	4281836433 (0xFF37A391)
YUV	128.6560, 8.0576, -64.5963
Hunter-Lab	53.8989, -28.8048, 3.2405

Details

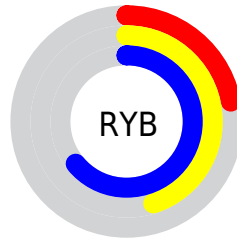
The Hex color **37A391** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A33749**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **73DAC7**, and **006F5F** is the 20% darker color. If you saturate the color by 10%, you get **27A38E**, and if you desaturate by 10%, it is **47A394**.

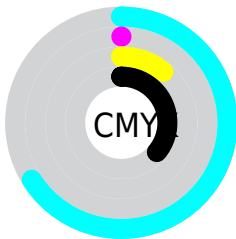
Distribution



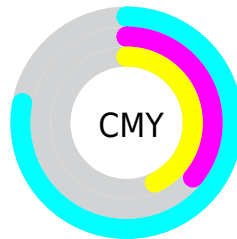
- Red (22%)
- Green (64%)
- Blue (57%)



- Red (22%)
- Yellow (45%)
- Blue (64%)



- Cyan (66%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)



- Cyan (78%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A391 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 37A391 by changing the saturation by 10% instead.

 37A391

 37A391

FFFFFF

 0B8877

 73DAC7

 006F5F

 90F7E3

 005647

 ADFFFF

 003E31

 CAFFFF

 00281C

 E7FFFF

 000602

 000000

 37A391

 37A391

 27A38E

 47A394

■ 16A38C

■ 58A396

■ 06A389

■ 68A399

■ 00A388

■ 78A39C

■ 89A39F

■ 99A3A1

■ A9A3A4

■ B9A3A7

■ CAA3A9

Harmonies

Analogous

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



63A072



37A391



00A2B0

Triad

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



37A391



958BC8



C0865F

Complementary

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



37A391



A33749

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.



CD7D76



37A391



B980B3

Square

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



37A391



6496D0



CC7B95



A79155

Rectangle

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



37A391



0EA0C1



CC7B95



C68365

Sweetspot

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



37A391



A9D4CD



49A337



516B67



EBEBEB



6B6B6B

Same Dimension

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



37A391



2AD4B7



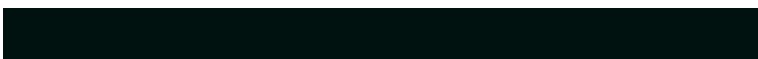
377FA3



495250



009179



00120F

Inverse Universe

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



A33749



D42A47



A35B37



52494B



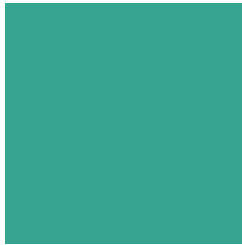
910018



120003

Previews

White Background



This preview shows how the Hex color 37A391 looks on a white background.

Color Contrast Check

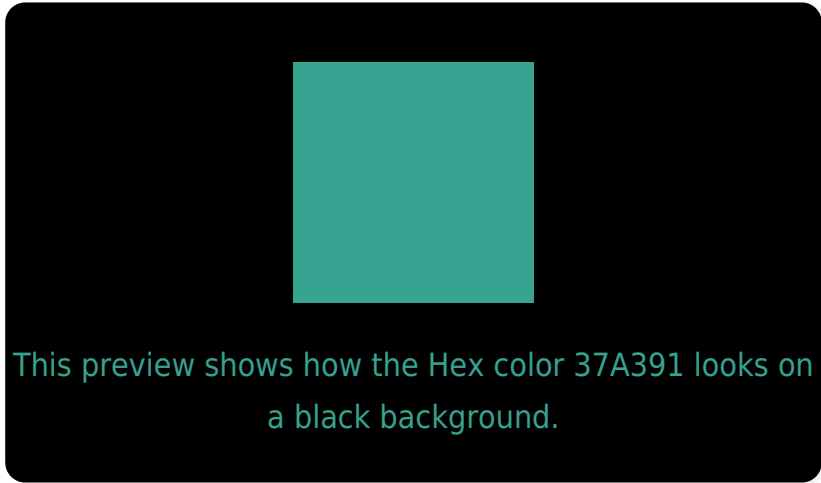
Large Text (above 18pt) WCAG AA ✓ Pass

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

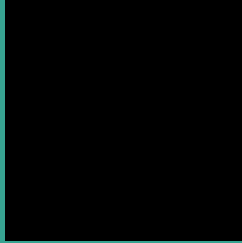
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 37A391 Background



This preview shows how black text looks on a background with the Hex color 37A391.

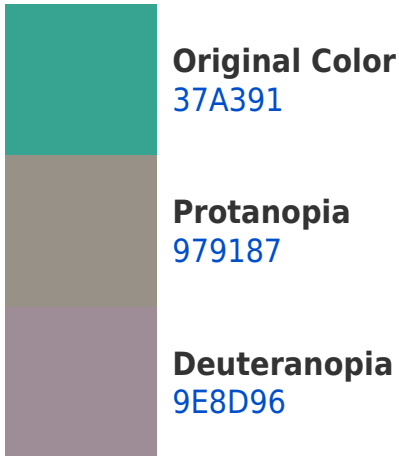


This preview shows how white text looks on a background with the Hex color 37A391.

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



Trichromacy



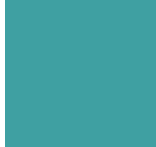
Original Color
37A391



Protanomaly
74988B



Deuteranomaly
799594



Tritanomaly
3FA0A2

Monochromacy



Original Color
37A391



Achromatopsia
818181



Achromatomaly
668D87

CSS Examples

Text

The CSS property to change the color of the text to Hex 37A391 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 #37A391 looks like.

```
.text, #text, p{  
    color:#37A391  
}
```

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 #37A391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A391
}
```

Border

The CSS property to change the border of an element to Hex 37A391 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
#37A391 }
```

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

```
.border{ border-color:#37A391 }
```

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

Here you see how a box with a 4 pixel #37A391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A391; -webkit-box-shadow:4px 4px  
4px 4px #37A391; box-shadow:4px 4px 4px  
4px #37A391 }
```

Background

The CSS property to change the background color of an element to Hex 37A391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A391 }
```

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

```
.background{ background-color:#37A391 }
```

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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