

Converting Colors

Hex(37A28B)

Have a look what the booklet for
Hex(37A28B) contains.

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Color

Hex(37A28B)

Conversions

Conversions Part 1

Format	Color
Hex	37A28B
RGB	55, 162, 139
RGB Percent	22%, 64%, 55%
CMY	0.7843, 0.3647, 0.4549
CMYK	0.66, 0.00, 0.14, 0.36
HSL	167°, 49%, 43%
HSV	167°, 66%, 64%
XYZ	19.1561, 28.5170, 28.9208
YIQ	127.3850, -56.3890, -29.8370

Conversions

Conversions Part 2

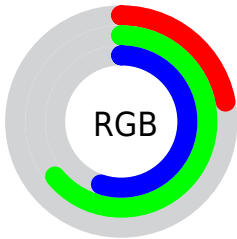
Format	Color
RYB	55, 115, 162
Decimal	3646091
CIELab	60.35, -35.96, 3.08
CIELCh	60, 36.087, 175.103
Yxy	28.5170, 0.2501, 0.3723
Android (android.graphics.Color)	4281836171 (0xFF37A28B)
YUV	127.3850, 5.7262, -63.4816
Hunter-Lab	53.4013, -29.4208, 5.2709

Details

The Hex color **37A28B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A2374E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **73D9C0**, and **006E59** is the 20% darker color. If you saturate the color by 10%, you get **27A288**, and if you desaturate by 10%, it is **47A28E**.

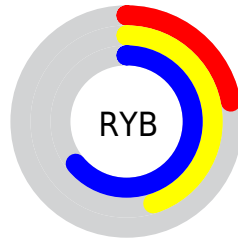
Distribution



Red (22%)

Green (64%)

Blue (55%)



Red (22%)

Yellow (45%)

Blue (64%)

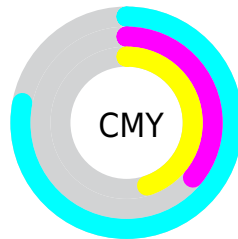


Cyan (66%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (78%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37A28B 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 37A28B by changing the saturation by 10% instead.

 37A28B

 37A28B

FFFFFF

 0D8772

 73D9C0

 006E59

 8FF6DC

 005542

 ACFFF9

 003D2C

 C9FFFF

 002717

 E7FFFF

 000200

 000000

 37A28B

 37A28B

 27A288

 47A28E

■ 17A284

■ 57A292

■ 06A281

■ 68A295

■ 00A27F

■ 78A299

■ 88A29C

■ 98A2A0

■ A8A2A3

■ B9A2A7

■ C9A2AA

Harmonies

Analogous

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



659F6C



37A28B



00A2AB

Triad

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



37A28B



8D8BCB



C3835E

Complementary

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



37A28B



A2374E

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.



CF7A78



37A28B



B580B6

Square

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



37A28B



5796D0



CB7998



AB8E52

Rectangle

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



37A28B



00A0BE



CB7998



C87F66

Sweetspot

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



37A28B



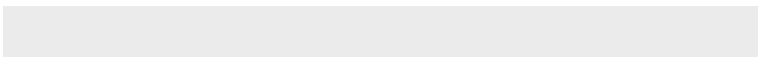
A9D4CB



4EA237



516B66



EBEBEB



6B6B6B

Same Dimension

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



37A28B



2CD4B0



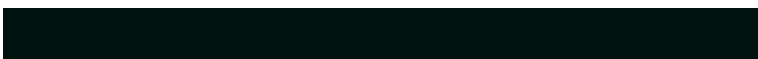
3784A2



495250



009172



00120E

Inverse Universe

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



A2374E



D42C50



A25537



52494B



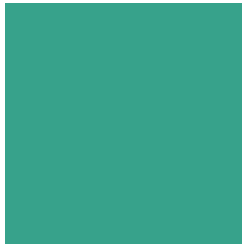
91001F



120004

Previews

White Background



This preview shows how the Hex color 37A28B looks on a white background.

Color Contrast Check

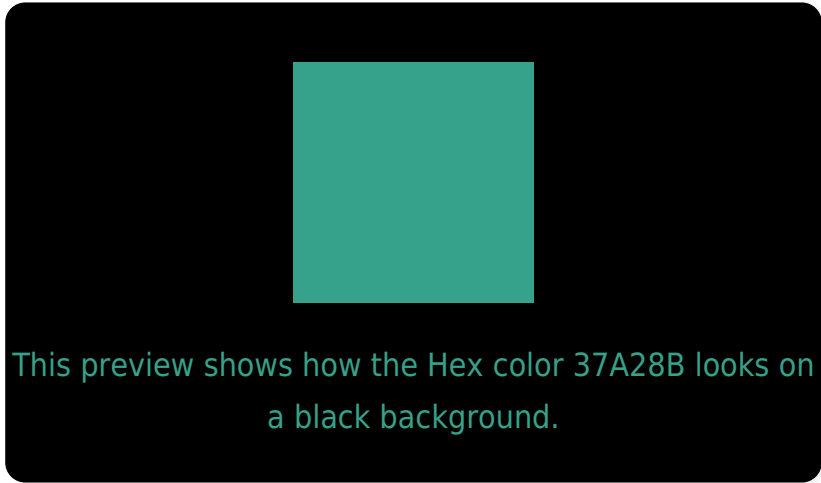
Large Text (above 18pt) WCAG AA ✓ Pass

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

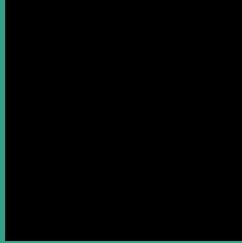
Any Text WCAG AA ✓ Pass

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 37A28B Background



This preview shows how black text looks on a background with the Hex color 37A28B.

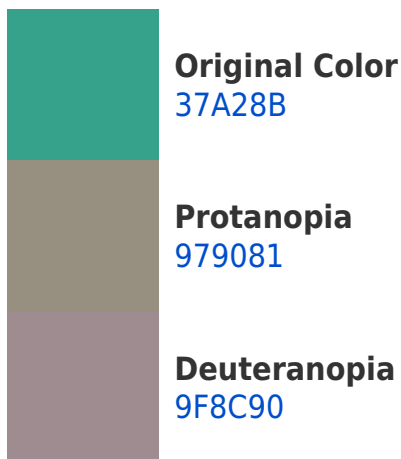


This preview shows how white text looks on a background with the Hex color 37A28B.

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



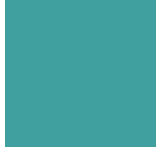
Original Color
37A28B



Protanomaly
749785



Deuteranomaly
79948E



Tritanomaly
409F9F

Monochromacy



Original Color
37A28B



Achromatopsia
7F7F7F



Achromatomaly
658C83

CSS Examples

Text

The CSS property to change the color of the text to Hex 37A28B 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 #37A28B looks like.

```
.text, #text, p{  
    color:#37A28B  
}
```

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 #37A28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37A28B
}
```

Border

The CSS property to change the border of an element to Hex 37A28B 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
#37A28B }
```

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

```
.border{ border-color:#37A28B }
```

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

Here you see how a box with a 4 pixel #37A28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37A28B; -webkit-box-shadow:4px 4px  
4px 4px #37A28B; box-shadow:4px 4px 4px  
4px #37A28B }
```

Background

The CSS property to change the background color of an element to Hex 37A28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37A28B }
```

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

```
.background{ background-color:#37A28B }
```

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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