

Converting Colors

Hex(36DDA3)

Have a look what the booklet for
Hex(36DDA3) contains.

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Color

Hex(36DDA3)

Conversions

Conversions Part 1

Format	Color
Hex	36DDA3
RGB	54, 221, 163
RGB Percent	21%, 87%, 64%
CMY	0.7882, 0.1333, 0.3608
CMYK	0.76, 0.00, 0.26, 0.13
HSL	159°, 71%, 54%
HSV	159°, 76%, 87%
XYZ	33.9886, 55.1415, 43.5023
YIQ	164.4550, -80.9140, -53.4420

Conversions

Conversions Part 2

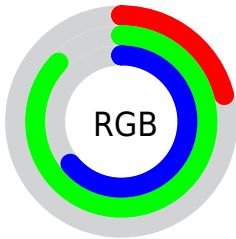
Format	Color
RYB	54, 155, 221
Decimal	3595683
CIELab	79.12, -55.12, 16.70
CIElCh	79, 57.590, 163.142
Yxy	55.1415, 0.2563, 0.4157
Android (android.graphics.Color)	4281785763 (0xFF36DDA3)
YUV	164.4550, -0.7173, -96.8690
Hunter-Lab	74.2573, -48.2484, 17.2462

Details

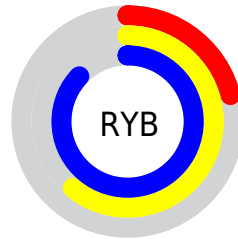
The Hex color **36DDA3** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DD3670**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7DFFDA**, and **00A56F** is the 20% darker color. If you saturate the color by 10%, you get **20DD9B**, and if you desaturate by 10%, it is **4CDDAB**.

Distribution



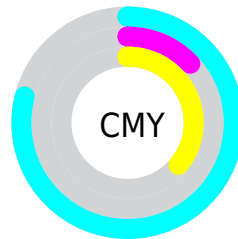
- Red (21%)
- Green (87%)
- Blue (64%)



- Red (21%)
- Yellow (61%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (79%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36DDA3 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 36DDA3 by changing the saturation by 10% instead.

 36DDA3

 36DDA3

FFFFFF

 00C189

 7DFFDA

 00A56F

 9CFFF7

 008A57

 BBFFFF

 006F3F

 DAFFFF

 005529

 F9FFFF

 003D14

 002600

 000000

 36DDA3

 36DDA3

■ 20DD9B

■ 4CDDAB

■ 0ADD94

■ 62DDB2

■ 00DD90

■ 78DDBA

■ 8EDDC2

■ A5DDC9

■ BBDD1

■ D1DDD9

■ E7DDE0

■ FDDDE8

Harmonies

Analogous

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



91D673



36DDA3



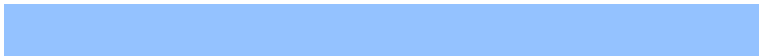
00DFDB

Triad

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



36DDA3



94C2FF



FFA37D

Complementary

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



36DDA3



DD3670

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.



FF97AE



36DDA3



E7ACFF

Square

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



36DDA3



00D2FF



FF9BE4



FDB65C

Rectangle

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



36DDA3



00DEFD



FF9BE4



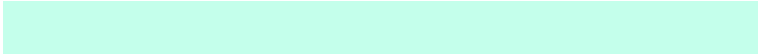
FF9D8C

Sweetspot

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



36DDA3



C4FFEB



70DD36



5C8073



000000



808080

Same Dimension

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



36DDA3



17FFAE



36C4DD



636E6A



00AD71



002E1E

Inverse Universe

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



DD3670



FF1768



DD4F36



6E6366



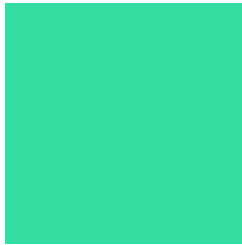
AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 36DDA3 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



This preview shows how the Hex color 36DDA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

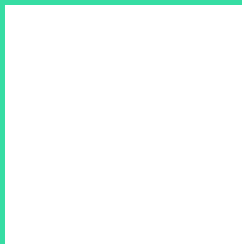
Any Text WCAG AAA ✓ Pass

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

Hex 36DDA3 Background



This preview shows how black text looks on a background with the Hex color 36DDA3.

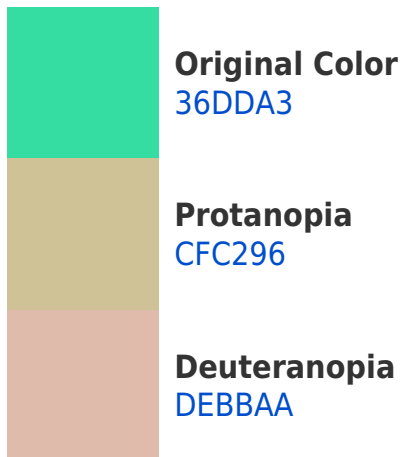


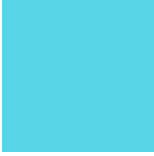
This preview shows how white text looks on a background with the Hex color 36DDA3.

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
57D4E6

Trichromacy



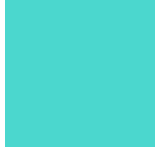
Original Color
36DDA3



Protanomaly
97CC9B



Deuteranomaly
A1C7A7

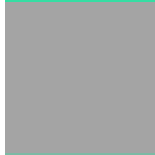


Tritanomaly
4BD7CE

Monochromacy



Original Color
36DDA3



Achromatopsia
A4A4A4



Achromatomaly
7CB9A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 36DDA3 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 #36DDA3 looks like.

```
.text, #text, p{  
    color:#36DDA3  
}
```

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 #36DDA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36DDA3
}
```

Border

The CSS property to change the border of an element to Hex 36DDA3 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
#36DDA3 }
```

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

```
.border{ border-color:#36DDA3 }
```

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

Here you see how a box with a 4 pixel #36DDA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36DDA3; -webkit-box-shadow:4px 4px  
4px 4px #36DDA3; box-shadow:4px 4px 4px  
4px #36DDA3 }
```

Background

The CSS property to change the background color of an element to Hex 36DDA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36DDA3 }
```

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

```
.background{ background-color:#36DDA3 }
```

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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