

# Converting Colors

Hex(36D1B3)

Have a look what the booklet for  
Hex(36D1B3) contains.

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**Color**

**Hex(36D1B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36D1B3
RGB	54, 209, 179
RGB Percent	21%, 82%, 70%
CMY	0.7882, 0.1804, 0.2980
CMYK	0.74, 0.00, 0.14, 0.18
HSL	168°, 63%, 52%
HSV	168°, 74%, 82%
XYZ	32.4585, 49.6399, 50.5185
YIQ	159.2350, -82.7500, -42.1900

# Conversions

## Conversions Part 2

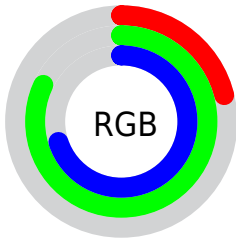
Format	Color
<a href="#">RYB</a>	54, 140, 209
Decimal	3592627
CIELab	75.85, -46.41, 3.53
CIELCh	76, 46.540, 175.655
Yxy	49.6399, 0.2448, 0.3743
Android (android.graphics.Color)	4281782707 (0xFF36D1B3)
YUV	159.2350, 9.7441, -92.2911
Hunter-Lab	70.4556, -41.0633, 6.8064

# Details

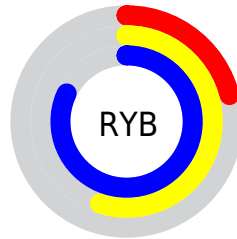
The Hex color **36D1B3** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D13654**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7BFFEB**, and **009A7E** is the 20% darker color. If you saturate the color by 10%, you get **21D1AF**, and if you desaturate by 10%, it is **4BD1B7**.

# Distribution



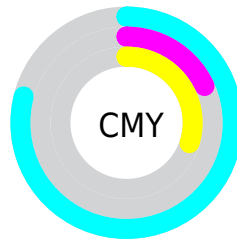
- Red (21%)
- Green (82%)
- Blue (70%)



- Red (21%)
- Yellow (55%)
- Blue (82%)



- Cyan (74%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (79%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36D1B3 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 36D1B3 by changing the saturation by 10% instead.



 36D1B3

 36D1B3

FFFFFF

 00B598

 7BFFEB

 009A7E

 9AFFFF

 007F65

 B9FFFF

 00654E

 D8FFFF

 004C37

 F6FFFF

 003421

 001D0C

 000000

 36D1B3

 36D1B3

■ 21D1AF

■ 4BD1B7

■ 0CD1AB

■ 60D1BB

■ 00D1A9

■ 75D1BF

■ 8AD1C3

■ 9FD1C7

■ B3D1CB

■ C8D1CF

■ DDD1D3

■ F2D1D7

# Harmonies

## Analogous

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



7DCD89



36D1B3



00D1DF

# Triad

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



36D1B3



B6B2FF



FCA775

# Complementary

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



36D1B3



D13654

# 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.



FF9B98



36D1B3



EBA2EC

# Square

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



36D1B3



6AC1FF



FF99C3



DBB664

# Rectangle

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



36D1B3



00CEF7



FF99C3



FFA27F

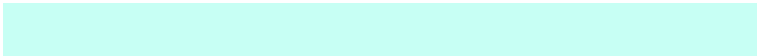


# Sweetspot

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



36D1B3



C7FFF4



55D136



5E8079



000000



808080



# Same Dimension

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



36D1B3



1CFFD3



36A2D1



5E6967



00A888



002921



# Inverse Universe

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



D13654



FF1C48



D16536



695E60



A80021

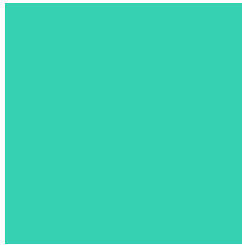


290008



# Previews

## White Background



This preview shows how the Hex color 36D1B3 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 36D1B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

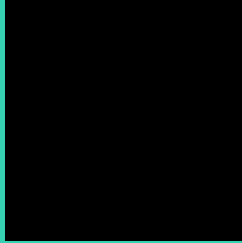
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

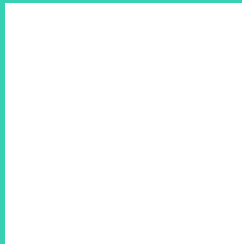
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 36D1B3 Background



This preview shows how black text looks on a background with the Hex color 36D1B3.



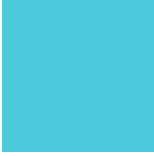
This preview shows how white text looks on a background with the Hex color 36D1B3.

# 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**  
36D1B3



**Protanomaly**  
8EC2AB



**Deuteranomaly**  
95BEB7

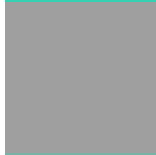


**Tritanomaly**  
45CDCE

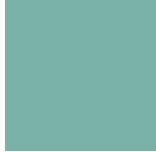
# Monochromacy



**Original Color**  
36D1B3



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
79B1A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36D1B3 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 #36D1B3 looks like.

```
.text, #text, p{  
    color:#36D1B3  
}
```

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 #36D1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36D1B3
}
```

## Border

The CSS property to change the border of an element to Hex 36D1B3 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
#36D1B3 }
```

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

```
.border{ border-color:#36D1B3 }
```

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

Here you see how a box with a 4 pixel #36D1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36D1B3; -webkit-box-shadow:4px 4px  
4px 4px #36D1B3; box-shadow:4px 4px 4px  
4px #36D1B3 }
```

# Background

The CSS property to change the background color of an element to Hex 36D1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36D1B3 }
```

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

```
.background{ background-color:#36D1B3 }
```

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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