

Converting Colors

Hex(37D5B5)

Have a look what the booklet for
Hex(37D5B5) contains.

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Color

Hex(37D5B5)

Conversions

Conversions Part 1

Format	Color
Hex	37D5B5
RGB	55, 213, 181
RGB Percent	22%, 84%, 71%
CMY	0.7843, 0.1647, 0.2902
CMYK	0.74, 0.00, 0.15, 0.16
HSL	168°, 65%, 53%
HSV	168°, 74%, 84%
XYZ	33.7103, 51.7369, 51.9256
YIQ	162.1100, -83.8960, -43.4480

Conversions

Conversions Part 2

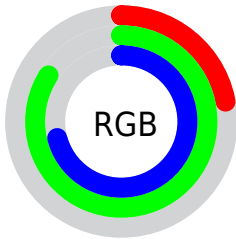
Format	Color
R _{YB}	55, 143, 213
Decimal	3659189
CIE Lab	77.12, -47.47, 4.30
CIE LCh	77, 47.663, 174.822
Yxy	51.7369, 0.2454, 0.3766
Android (android.graphics.Color)	4281849269 (0xFF37D5B5)
YUV	162.1100, 9.3128, -93.9355
Hunter-Lab	71.9284, -42.2180, 7.5480

Details

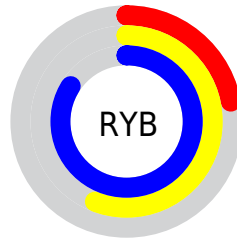
The Hex color **37D5B5** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D53757**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7DF FED**, and **009D80** is the 20% darker color. If you saturate the color by 10%, you get **22D5B1**, and if you desaturate by 10%, it is **4CD5B9**.

Distribution



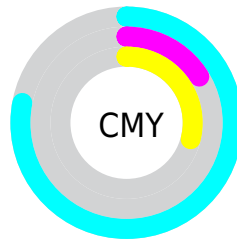
- Red (22%)
- Green (84%)
- Blue (71%)



- Red (22%)
- Yellow (56%)
- Blue (84%)



- Cyan (74%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (78%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37D5B5 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 37D5B5 by changing the saturation by 10% instead.



37D5B5



37D5B5

FFFFFF



00B99A



7DFFED



009D80



9CFFFF



008367



BBFFFF



00694F



D9FFFF



004F38



F8FFFF



003723



00210E



000000



37D5B5



37D5B5

■ 22D5B1

■ 4CD5B9

■ 0CD5AC

■ 62D5BE

■ 00D5AA

■ 77D5C2

■ 8CD5C6

■ A2D5CB

■ B7D5CF

■ CCD5D3

■ E1D5D8

■ F7D5DC

Harmonies

Analogous

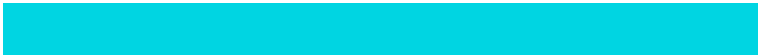
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81D08A



37D5B5



00D5E2

Triad

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



37D5B5



B7B6FF



FFAA78

Complementary

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



37D5B5



D53757

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.



FF9D9C



37D5B5



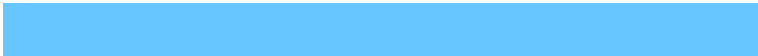
EEA6F2

Square

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



37D5B5



67C5FF



FF9BC8



E1B965

Rectangle

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



37D5B5



00D2FB



FF9BC8



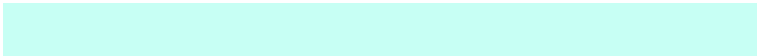
FFA582

Sweetspot

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



37D5B5



C7FFF4



59D537



5E8079



000000



808080

Same Dimension

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



37D5B5



1CFFD1



37A8D5



606B69



00AB88



002B23

Inverse Universe

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



D53757



FF1C4A



D56437



6B6063



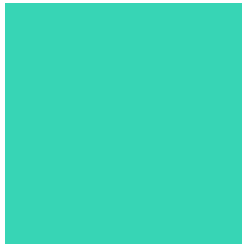
AB0023



2B0009

Previews

White Background



This preview shows how the Hex color 37D5B5 looks on a white background.

Color Contrast Check

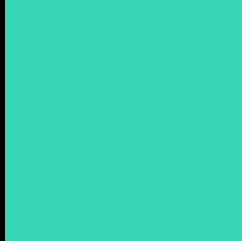
Large Text (above 18pt) WCAG AA × Fail

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 37D5B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

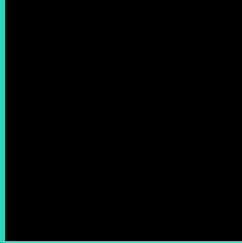
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

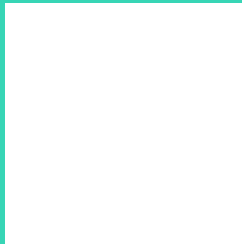
Any Text WCAG AAA ✓ Pass

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

Hex 37D5B5 Background



This preview shows how black text looks on a background with the Hex color 37D5B5.



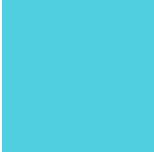
This preview shows how white text looks on a background with the Hex color 37D5B5.

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



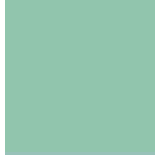


Tritanopia
4FCFE0

Trichromacy



Original Color
37D5B5



Protanomaly
91C5AD



Deuteranomaly
98C2B9



Tritanomaly
46D1D0

Monochromacy



Original Color
37D5B5



Achromatopsia
A2A2A2



Achromatomaly
7BB5A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 37D5B5 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 #37D5B5 looks like.

```
.text, #text, p{  
    color:#37D5B5  
}
```

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 #37D5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37D5B5
}
```

Border

The CSS property to change the border of an element to Hex 37D5B5 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
#37D5B5 }
```

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

```
.border{ border-color:#37D5B5 }
```

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

Here you see how a box with a 4 pixel #37D5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37D5B5; -webkit-box-shadow:4px 4px  
4px 4px #37D5B5; box-shadow:4px 4px 4px  
4px #37D5B5 }
```

Background

The CSS property to change the background color of an element to Hex 37D5B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37D5B5 }
```

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

```
.background{ background-color:#37D5B5 }
```

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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