

Converting Colors

Hex(37B75D)

Have a look what the booklet for
Hex(37B75D) contains.

Hex(37B75D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(37B75D)

Conversions

Conversions Part 1

Format	Color
Hex	37B75D
RGB	55, 183, 93
RGB Percent	22%, 72%, 36%
CMY	0.7843, 0.2824, 0.6353
CMYK	0.70, 0.00, 0.49, 0.28
HSL	138°, 54%, 47%
HSV	138°, 70%, 72%
XYZ	20.4848, 35.4695, 16.1226
YIQ	134.4680, -47.3980, -55.1260

Conversions

Conversions Part 2

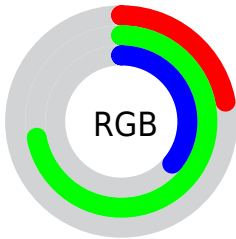
Format	Color
RYB	55, 154, 183
Decimal	3651421
CIELab	66.11, -54.15, 35.76
CIElCh	66, 64.899, 146.558
Yxy	35.4695, 0.2842, 0.4921
Android (android.graphics.Color)	4281841501 (0xFF37B75D)
YUV	134.4680, -20.4437, -69.6934
Hunter-Lab	59.5563, -42.8271, 25.6389

Details

The Hex color **37B75D** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B73791**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **76F091**, and **00812C** is the 20% darker color. If you saturate the color by 10%, you get **25B750**, and if you desaturate by 10%, it is **49B76A**.

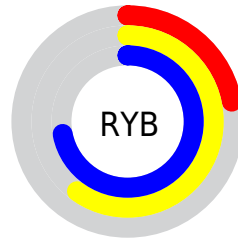
Distribution



Red (22%)

Green (72%)

Blue (36%)



Red (22%)

Yellow (60%)

Blue (72%)

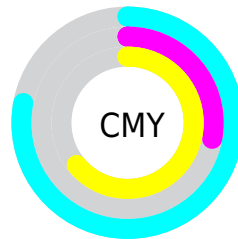


Cyan (70%)

Magenta (0%)

Yellow (49%)

Black (28%)



Cyan (78%)

Magenta (28%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B75D 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 37B75D by changing the saturation by 10% instead.

 37B75D

 37B75D

FFFFFF

 019B44

 76F091

 00812C

 93FFAC

 006713

 B1FFC8

 004D00

 CEFFE4

 003500

 ECFFF

 001E00

 000000

 37B75D

 37B75D

 25B750

 49B76A

 12B743

 5CB777

 00B736

 6EB784

 80B790

 93B79D

 A5B7AA

 B7B7B7

 C9B7C4

 DCB7D1

Harmonies

Analogous

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



8CAD2D



37B75D



00BC98

Triad

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



37B75D



00A9FF



FF6F70

Complementary

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



37B75D



B73791

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.



FF69AA



37B75D



9594FF

Square

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



37B75D



00B6FF



E17AE2



F0853E

Rectangle

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



37B75D



00BCC0



E17AE2



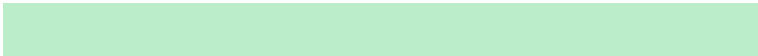
FF6A83

Sweetspot

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



37B75D



BBEDCA



93B737



5A7863



F7F7F7



787878

Same Dimension

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



37B75D



26ED61



37B79B



535C55



009C2E



001C08

Inverse Universe

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



B73791



ED26B2



B73753



5C5359



9C006D



1C0014

Previews

White Background



This preview shows how the Hex color 37B75D looks on a white background.

Color Contrast Check

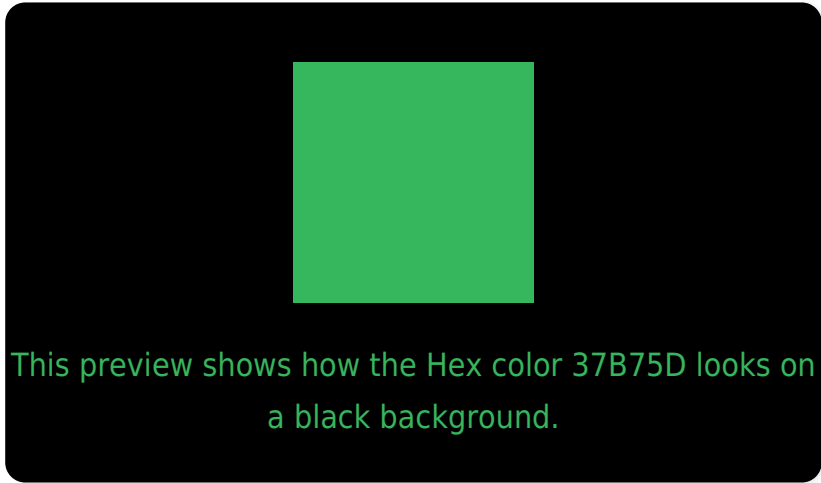
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

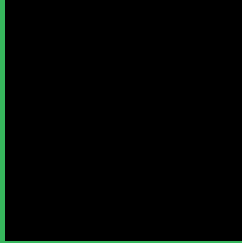
Any Text WCAG AA ✓ Pass

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 37B75D Background



This preview shows how black text looks on a background with the Hex color 37B75D.



This preview shows how white text looks on a background with the Hex color 37B75D.

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](#).

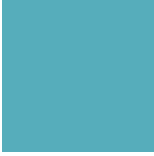
Dichromacy



Original Color
37B75D

Protanopia
B0A055

Deuteranopia
C09865



Tritanopia
56ADBB

Trichromacy



Original Color
37B75D



Protanomaly
84A858



Deuteranomaly
8EA362



Tritanomaly
4BB199

Monochromacy



Original Color
37B75D



Achromatopsia
868686



Achromatomaly
699877

CSS Examples

Text

The CSS property to change the color of the text to Hex 37B75D 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 #37B75D looks like.

```
.text, #text, p{  
    color:#37B75D  
}
```

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 #37B75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B75D
}
```

Border

The CSS property to change the border of an element to Hex 37B75D 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
#37B75D }
```

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

```
.border{ border-color:#37B75D }
```

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

Here you see how a box with a 4 pixel #37B75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B75D; -webkit-box-shadow:4px 4px  
4px 4px #37B75D; box-shadow:4px 4px 4px  
4px #37B75D }
```

Background

The CSS property to change the background color of an element to Hex 37B75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B75D }
```

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

```
.background{ background-color:#37B75D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor