

Converting Colors

Hex(3A7D53)

Have a look what the booklet for
Hex(3A7D53) contains.

Hex(3A7D53)	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(3A7D53)

Conversions

Conversions Part 1

Format	Color
Hex	3A7D53
RGB	58, 125, 83
RGB Percent	23%, 49%, 33%
CMY	0.7725, 0.5098, 0.6745
CMYK	0.54, 0.00, 0.34, 0.51
HSL	142°, 37%, 36%
HSV	142°, 54%, 49%
XYZ	10.6399, 16.1913, 10.7481
YIQ	100.1790, -26.4500, -27.2660

Conversions

Conversions Part 2

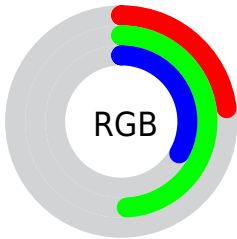
Format	Color
RYB	58, 107, 125
Decimal	3833171
CIELab	47.22, -31.55, 16.58
CIELCh	47, 35.636, 152.280
Yxy	16.1913, 0.2831, 0.4309
Android (android.graphics.Color)	4282023251 (0xFF3A7D53)
YUV	100.1790, -8.4692, -36.9910
Hunter-Lab	40.2384, -23.2181, 12.3300

Details

The Hex color **3A7D53** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7D3A64**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6EB285**, and **004B26** is the 20% darker color. If you saturate the color by 10%, you get **2E7D4B**, and if you desaturate by 10%, it is **477D5B**.

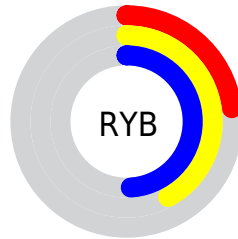
Distribution



Red (23%)

Green (49%)

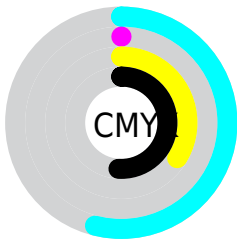
Blue (33%)



Red (23%)

Yellow (42%)

Blue (49%)

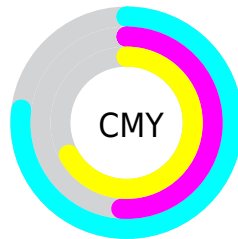


Cyan (54%)

Magenta (0%)

Yellow (34%)

Black (51%)



Cyan (77%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A7D53 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 3A7D53 by changing the saturation by 10% instead.

 3A7D53

 3A7D53

FFFFFF

 1F643C

 6EB285

 004B26

 89CE9F

 003411

 A4EABA

 002100

 C0FFD6

 000000

 DDFFF2

 FAFFFF

 3A7D53

 3A7D53

 2E7D4B

 477D5B

 217D43

 537D63

 157D3B

 607D6B

 087D34

 6C7D72

 007D2F

 797D7A

 857D82

 927D8A

 9E7D92

 AB7D9A

Harmonies

Analogous

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



61783C



3A7D53



007F71

Triad

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



3A7D53



4172AC



A75B52

Complementary

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



3A7D53



7D3A64

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.



A7576F



3A7D53



7567A3

Square

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



3A7D53



007AA4



975C8C



98643B

Rectangle

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



3A7D53



007F86



975C8C



A9585B

Sweetspot

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



3A7D53



89A393



647D3A



425248



D1D1D1



525252

Same Dimension

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



3A7D53



3BA362



3A7D74



39403C



008030



000000

Inverse Universe

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



7D3A64



A33B7C



7D3A43



40393D



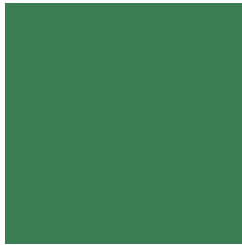
800050



000000

Previews

White Background



This preview shows how the Hex color 3A7D53 looks on a white background.

Color Contrast Check

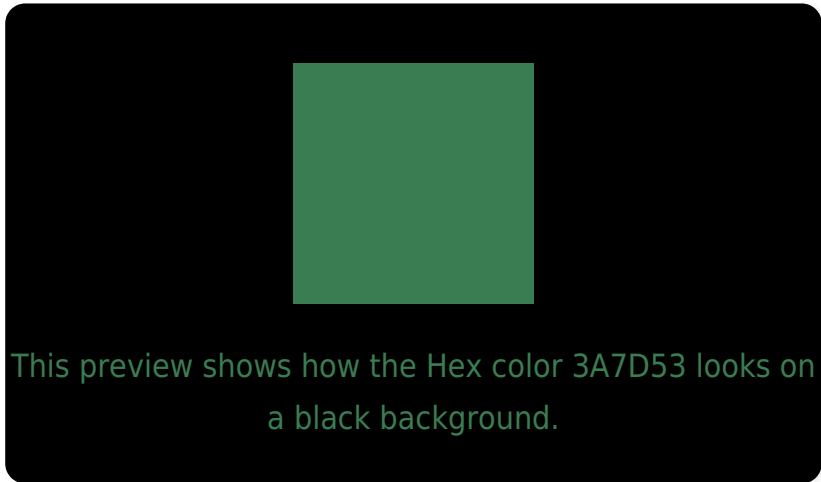
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 3A7D53 Background



This preview shows how black text looks on a background with the Hex color 3A7D53.

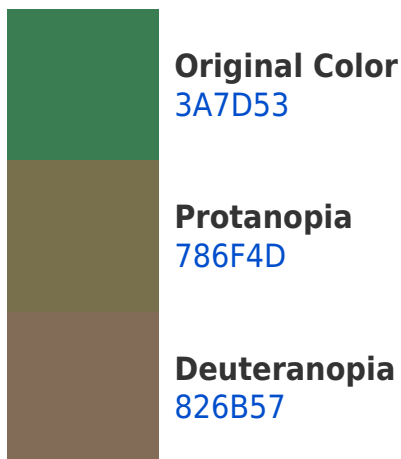



This preview shows how white text looks on a background with the Hex color 3A7D53.

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](#).

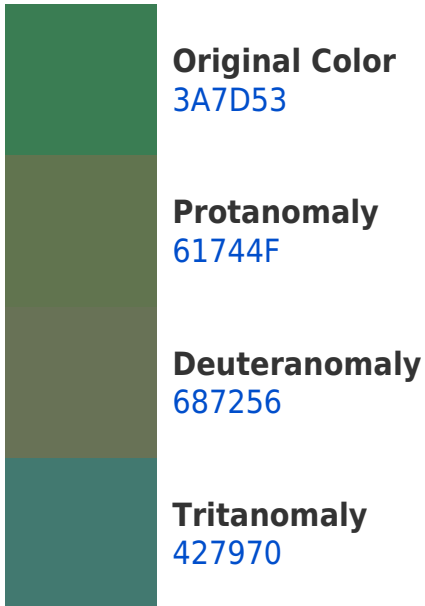
Dichromacy





Tritanopia
467781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A7D53 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 #3A7D53 looks like.

```
.text, #text, p{  
    color:#3A7D53  
}
```

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 #3A7D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A7D53
}
```

Border

The CSS property to change the border of an element to Hex 3A7D53 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
#3A7D53 }
```

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

```
.border{ border-color:#3A7D53 }
```

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

Here you see how a box with a 4 pixel #3A7D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A7D53; -webkit-box-shadow:4px 4px  
4px 4px #3A7D53; box-shadow:4px 4px 4px  
4px #3A7D53 }
```

Background

The CSS property to change the background color of an element to Hex 3A7D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A7D53 }
```

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

```
.background{ background-color:#3A7D53 }
```

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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