

Converting Colors

Hex(3F7535)

Have a look what the booklet for
Hex(3F7535) contains.

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Color

Hex(3F7535)

Conversions

Conversions Part 1

Format	Color
Hex	3F7535
RGB	63, 117, 53
RGB Percent	25%, 46%, 21%
CMY	0.7529, 0.5412, 0.7922
CMYK	0.46, 0.00, 0.55, 0.54
HSL	111°, 38%, 33%
HSV	111°, 55%, 46%
XYZ	9.0538, 14.0364, 5.6003
YIQ	93.5580, -11.6400, -31.3520

Conversions

Conversions Part 2

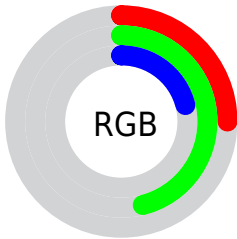
Format	Color
RYB	53, 117, 107
Decimal	4158773
CIELab	44.29, -31.50, 29.56
CIElCh	44, 43.198, 136.818
Yxy	14.0364, 0.3156, 0.4892
Android (android.graphics.Color)	4282348853 (0xFF3F7535)
YUV	93.5580, -19.9951, -26.7994
Hunter-Lab	37.4652, -22.4279, 17.3630

Details

The Hex color **3F7535** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B3575**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **72AA65**, and **074406** is the 20% darker color. If you saturate the color by 10%, you get **357529**, and if you desaturate by 10%, it is **497541**.

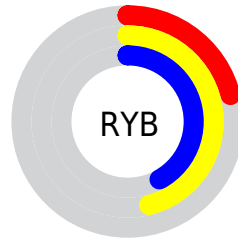
Distribution



Red (25%)

Green (46%)

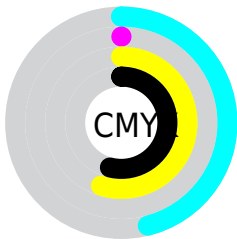
Blue (21%)



Red (21%)

Yellow (46%)

Blue (42%)

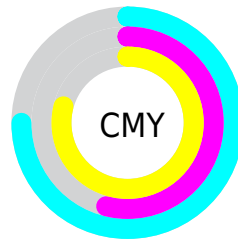


Cyan (46%)

Magenta (0%)

Yellow (55%)

Black (54%)



Cyan (75%)

Magenta (54%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F7535 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 3F7535 by changing the saturation by 10% instead.

 3F7535

 3F7535

FFFFFF

 255C1E

 72AA65

 074406

 8DC57F

 002D00

 A8E199

 001800

 C4FEB4

 000000

 E1FFD0

 FEF FEC

 3F7535

 3F7535

 357529

 497541

 2B751E

 53754C

 217512

 5D7558

 187506

 667564

 127500

 70756F

 7A757B

 847587

 8E7593

 98759E

Harmonies

Analogous

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



696D1E



3F7535



007957

Triad

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



3F7535



0071AE



AB4956

Complementary

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



3F7535



6B3575

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.



A24A7A



3F7535



4D66AE

Square

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



3F7535



00789C



84579A



A15336

Rectangle

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



3F7535



007A70



84579A



AA4862

Sweetspot

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



3F7535



849981



756A35



404D3E



CCCCCC



4D4D4D

Same Dimension

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



3F7535



449934



35754A



363B35



137A00



27FA00

Inverse Universe

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



6B3575



893499



753560



3A353B



67007A



D300FA

Previews

White Background



This preview shows how the Hex color 3F7535 looks on a white background.

Color Contrast Check

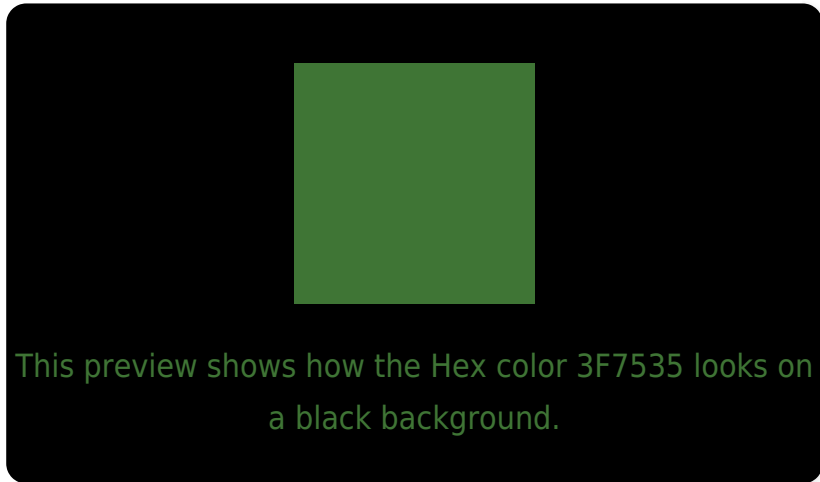
Large Text (above 18pt) WCAG AA ✓ Pass

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

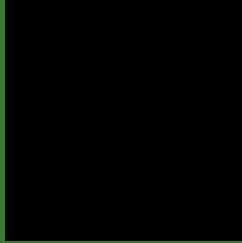
Any Text WCAG AA × Fail

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 3F7535 Background



This preview shows how black text looks on a background with the Hex color 3F7535.



This preview shows how white text looks on a background with the Hex color 3F7535.

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
3F7535

Protanopia
746831

Deuteranopia
7F633A



Tritanopia
4C6E77

Trichromacy



Original Color
3F7535

Protanomaly
616D32

Deuteranomaly
686A38

Tritanomaly
47715F

Monochromacy



Original Color
3F7535

Achromatopsia
5E5E5E

Achromatomaly
53664F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F7535 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 #3F7535 looks like.

```
.text, #text, p{  
    color:#3F7535  
}
```

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 #3F7535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F7535
}
```

Border

The CSS property to change the border of an element to Hex 3F7535 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".

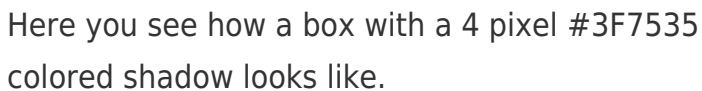
```
.border, #border, table{ border:4px solid
#3F7535 }
```

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

```
.border{ border-color:#3F7535 }
```

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

Here you see how a box with a 4 pixel #3F7535 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F7535; -webkit-box-shadow:4px 4px  
4px 4px #3F7535; box-shadow:4px 4px 4px  
4px #3F7535 }
```

Background

The CSS property to change the background color of an element to Hex 3F7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F7535 }
```

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

```
.background{ background-color:#3F7535 }
```

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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