

Converting Colors

Hex(37563A)

Have a look what the booklet for
Hex(37563A) contains.

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Color

Hex(37563A)

Conversions

Conversions Part 1

Format	Color
Hex	37563A
RGB	55, 86, 58
RGB Percent	22%, 34%, 23%
CMY	0.7843, 0.6627, 0.7725
CMYK	0.36, 0.00, 0.33, 0.66
HSL	126°, 22%, 28%
HSV	126°, 36%, 34%
XYZ	5.6671, 7.7733, 5.2047
YIQ	73.5390, -9.4880, -15.2800

Conversions

Conversions Part 2

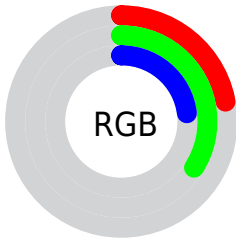
Format	Color
RYB	55, 83, 86
Decimal	3626554
CIELab	33.51, -18.06, 12.77
CIElCh	34, 22.116, 144.727
Yxy	7.7733, 0.3039, 0.4169
Android (android.graphics.Color)	4281816634 (0xFF37563A)
YUV	73.5390, -7.6607, -16.2587
Hunter-Lab	27.8806, -12.5089, 8.4483

Details

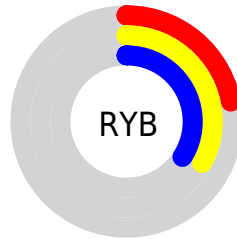
The Hex color **37563A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **563753**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **678869**, and **0A280F** is the 20% darker color. If you saturate the color by 10%, you get **2E5632**, and if you desaturate by 10%, it is **405642**.

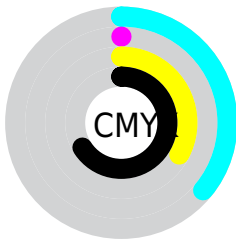
Distribution



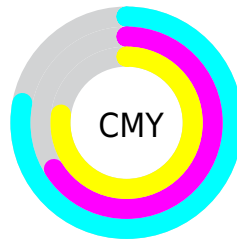
- Red (22%)
- Green (34%)
- Blue (23%)



- Red (22%)
- Yellow (33%)
- Blue (34%)



- Cyan (36%)
- Magenta (0%)
- Yellow (33%)
- Black (66%)



- Cyan (78%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37563A 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 37563A by changing the saturation by 10% instead.



37563A



37563A

FFFFFF



203F24



678869



0A280F



81A283



001500



9BBD9D



000000



B6D9B8



D2F6D3



EEFFF0



37563A



37563A



2E5632



405642

■ 26562A

■ 48564A

■ 1D5623

■ 515651

■ 15561B

■ 595659

■ 0C5613

■ 625661

■ 03560B

■ 6B5669

■ 005608

■ 735670

■ 7C5678

■ 845680

Harmonies

Analogous

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



4B522E



37563A



1F584B

Triad

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



37563A



305171



714241

Complementary

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



37563A



563753

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.



6E4153



37563A



4C4B6F

Square

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



37563A



0E566B



624563



6A4733

Rectangle

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



37563A



0C5857



624563



714147

Sweetspot

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



37563A



647065



535637



313832



B8B8B8



383838

Same Dimension

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



37563A



407045



375649



272B27



006B0A



00EB17

Inverse Universe

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



563753



70406C



563744



2B272B



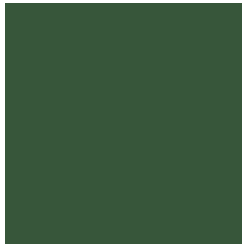
6B0061



EB00D4

Previews

White Background



This preview shows how the Hex color 37563A looks on a white background.

Color Contrast Check

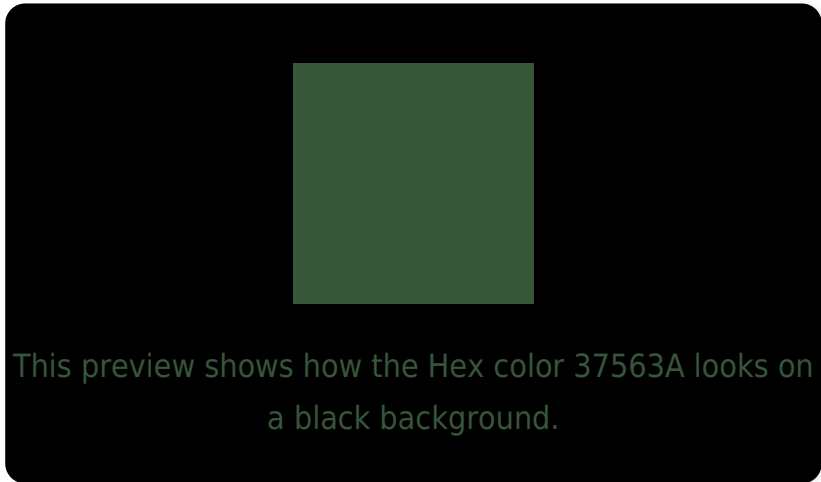
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

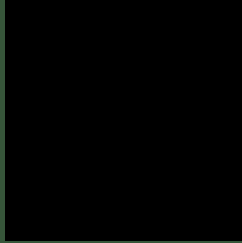
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 37563A Background



This preview shows how black text looks on a background with the Hex color 37563A.



This preview shows how white text looks on a background with the Hex color 37563A.

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

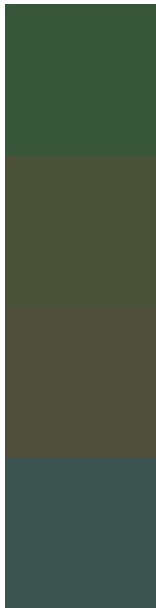


Original Color
37563A

Protanopia
554E37

Deuteranopia
5C4B3C

Trichromacy



Original Color
37563A

Protanomaly
4A5138

Deuteranomaly
4F4F3B

Tritanomaly
3B534E

Monochromacy



Original Color
37563A

Achromatopsia
4A4A4A

Achromatomaly
434E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 37563A 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 #37563A looks like.

```
.text, #text, p{  
    color:#37563A  
}
```

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 #37563A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37563A
}
```

Border

The CSS property to change the border of an element to Hex 37563A 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".

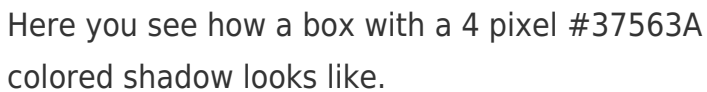
```
.border, #border, table{ border:4px solid
#37563A }
```

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

```
.border{ border-color:#37563A }
```

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

Here you see how a box with a 4 pixel #37563A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37563A; -webkit-box-shadow:4px 4px  
4px 4px #37563A; box-shadow:4px 4px 4px  
4px #37563A }
```

Background

The CSS property to change the background color of an element to Hex 37563A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37563A }
```

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

```
.background{ background-color:#37563A }
```

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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