

Converting Colors

Hex(37563E)

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

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Color

Hex(37563E)

Conversions

Conversions Part 1

Format	Color
Hex	37563E
RGB	55, 86, 62
RGB Percent	22%, 34%, 24%
CMY	0.7843, 0.6627, 0.7569
CMYK	0.36, 0.00, 0.28, 0.66
HSL	134°, 22%, 28%
HSV	134°, 36%, 34%
XYZ	5.7728, 7.8156, 5.7617
YIQ	73.9950, -10.7720, -14.0360

Conversions

Conversions Part 2

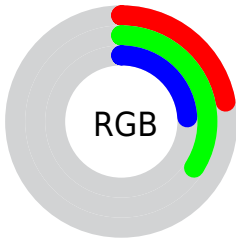
Format	Color
R_{YB}	55, 80, 86
Decimal	3626558
CIE _{Lab}	33.60, -17.23, 10.42
CIE _{LCh}	34, 20.141, 148.833
Yxy	7.8156, 0.2983, 0.4039
Android (android.graphics.Color)	4281816638 (0xFF37563E)
YUV	73.9950, -5.9135, -16.6586
Hunter-Lab	27.9564, -12.0645, 7.3500

Details

The Hex color **37563E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56374F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **67886E**, and **0A2814** is the 20% darker color. If you saturate the color by 10%, you get **2E5637**, and if you desaturate by 10%, it is **405645**.

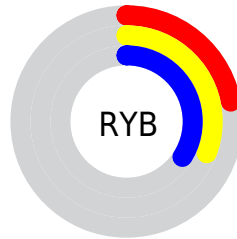
Distribution



 Red (22%)

 Green (34%)

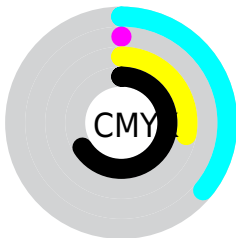
 Blue (24%)




 Red (22%)

 Yellow (31%)

 Blue (34%)

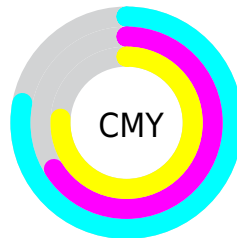



 Cyan (36%)

 Magenta (0%)

 Yellow (28%)

 Black (66%)



 Cyan (78%)

 Magenta (66%)

 Yellow (76%)

Brightness & Saturation Gradients

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



37563E



37563E

FFFFFF



203F28



67886E



0A2814



80A287



001500



9BBDA1



000000



B6D9BC



D1F6D8



EEFF4



37563E



37563E



2E5637





405645

 265631

 48564B

 1D562A

 515652

 155623

 595659

 0C561D

 62565F

 035616

 6B5666

 005613

 73566D

 7C5673

 84567A

Harmonies

Analogous

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



4A5333



37563E



23584E

Triad

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



37563E



38516F



6E4440

Complementary

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



37563E



56374F

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.



6D4350



37563E



504B6B

Square

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



37563E



1F556A



634660



674834

Rectangle

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



37563E



185859



634660



6E4345

Sweetspot

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



37563E



647067



4F5637



313832



B8B8B8



383838

Same Dimension

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



37563E



40704B



37564D



272B28



006B18



00EB35

Inverse Universe

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



56374F



704065



563740



2B272A



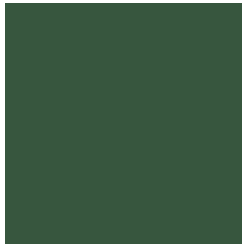
6B0053



EB00B6

Previews

White Background



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

Color Contrast Check

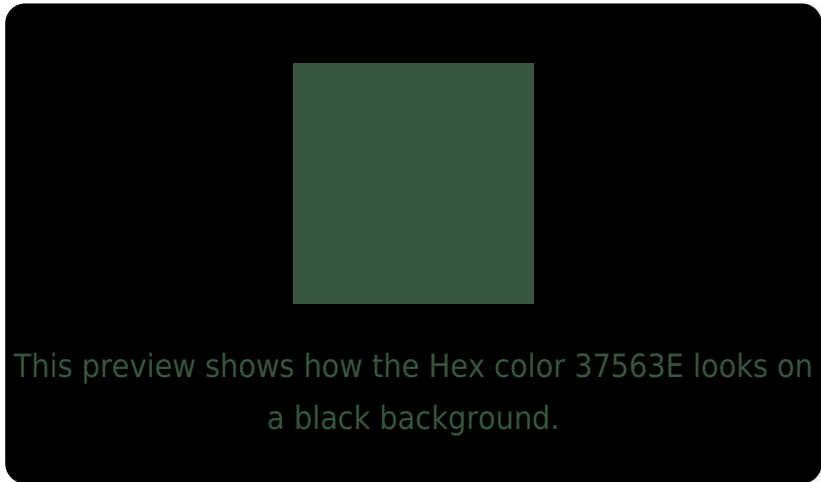
Large Text (above 18pt) WCAG AA ✓ Pass

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

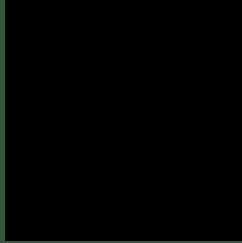
Any Text WCAG AA × Fail

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 37563E Background



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



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

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

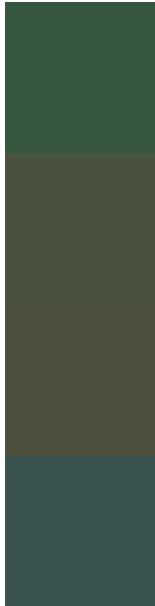


Original Color
37563E

Protanopia
544F3B

Deuteranopia
5B4C40

Trichromacy



Original Color
37563E

Protanomaly
49523C

Deuteranomaly
4E503F

Tritanomaly
3B534F

Monochromacy



Original Color
37563E

Achromatopsia
4A4A4A

Achromatomaly
434E46

CSS Examples

Text

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

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

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 #37563E colored shadow looks like.

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

Border

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

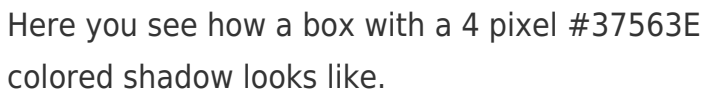
```
.border, #border, table{ border:4px solid
#37563E }
```

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

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

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

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



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

Background

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

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

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

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

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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