

Converting Colors

Hex(36573B)

Have a look what the booklet for
Hex(36573B) contains.

Hex(36573B)	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(36573B)

Conversions

Conversions Part 1

Format	Color
Hex	36573B
RGB	54, 87, 59
RGB Percent	21%, 34%, 23%
CMY	0.7882, 0.6588, 0.7686
CMYK	0.38, 0.00, 0.32, 0.66
HSL	129°, 23%, 28%
HSV	129°, 38%, 34%
XYZ	5.7189, 7.9164, 5.3643
YIQ	73.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

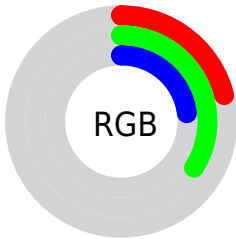
Format	Color
RYB	54, 83, 87
Decimal	3561275
CIELab	33.81, -18.76, 12.56
CIELCh	34, 22.578, 146.206
Yxy	7.9164, 0.3010, 0.4167
Android (android.graphics.Color)	4281751355 (0xFF36573B)
YUV	73.9410, -7.3659, -17.4883
Hunter-Lab	28.1361, -12.9565, 8.3914

Details

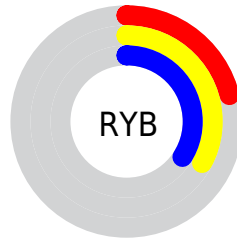
The Hex color **36573B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573652**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **66896A**, and **082911** is the 20% darker color. If you saturate the color by 10%, you get **2D5734**, and if you desaturate by 10%, it is **3F5742**.

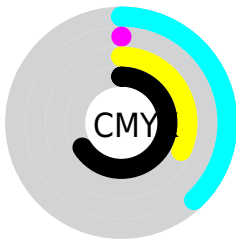
Distribution



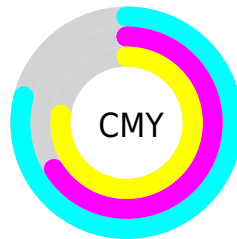
- Red (21%)
- Green (34%)
- Blue (23%)



- Red (21%)
- Yellow (33%)
- Blue (34%)



- Cyan (38%)
- Magenta (0%)
- Yellow (32%)
- Black (66%)



- Cyan (79%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36573B 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 36573B by changing the saturation by 10% instead.



36573B



36573B

FFFFFF



1F4025



66896A



082911



80A384



001600



9ABF9E



000000



B5DAB9



D1F7D4



EDFFF1



36573B



36573B



2D5734



3F5742

■ 25572C

■ 47574A

■ 1C5725

■ 505751

■ 13571D

■ 595759

■ 0A5716

■ 625760

■ 02570F

■ 6A5767

■ 00570D

■ 73576F

■ 7C5776

■ 84577D

Harmonies

Analogous

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



4B532F



36573B



1D594D

Triad

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



36573B



315273



724341

Complementary

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



36573B



573652

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.



704253



36573B



4E4C70

Square

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



36573B



0D566D



644564



6B4732

Rectangle

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



36573B



085959



644564



724246

Sweetspot

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



36573B



647066



525736



313832



B8B8B8



383838

Same Dimension

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



36573B



3D7044



36574B



272B28



006B10



00EB24

Inverse Universe

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



573652



703D68



573642



2B272B



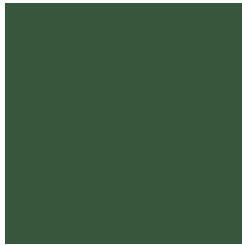
6B005B



EB00C7

Previews

White Background



This preview shows how the Hex color 36573B looks on a white background.

Color Contrast Check

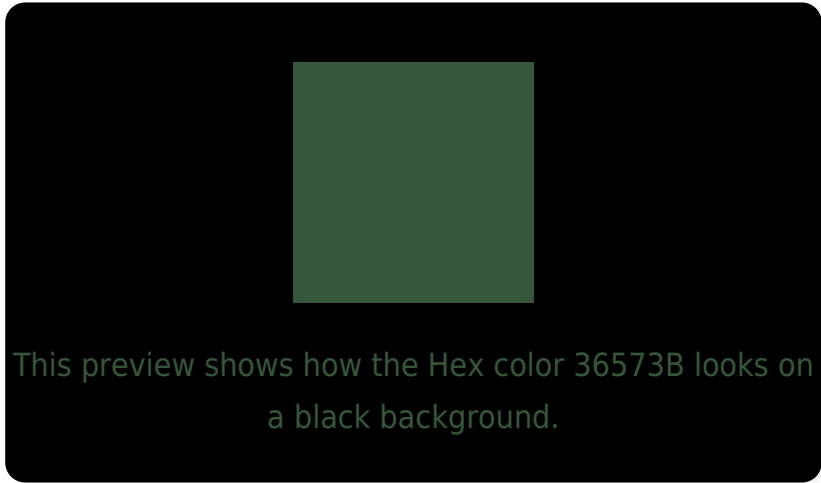
Large Text (above 18pt) WCAG AA ✓ Pass

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

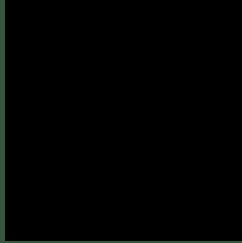
Any Text WCAG AA × Fail

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 36573B Background



This preview shows how black text looks on a background with the Hex color 36573B.



This preview shows how white text looks on a background with the Hex color 36573B.

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](#).

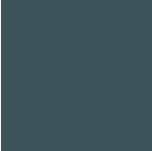
Dichromacy



Original Color
36573B

Protanopia
554F38

Deuteranopia
5D4C3D



Tritanopia
3C535A

Trichromacy



Original Color
36573B

Protanomaly
4A5239

Deuteranomaly
4F503C

Tritanomaly
3A544F

Monochromacy



Original Color
36573B

Achromatopsia
4A4A4A

Achromatomaly
434F45

CSS Examples

Text

The CSS property to change the color of the text to Hex 36573B 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 #36573B looks like.

```
.text, #text, p{  
    color:#36573B  
}
```

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 #36573B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36573B
}
```

Border

The CSS property to change the border of an element to Hex 36573B 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
#36573B }
```

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

```
.border{ border-color:#36573B }
```

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

Here you see how a box with a 4 pixel #36573B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36573B; -webkit-box-shadow:4px 4px  
4px 4px #36573B; box-shadow:4px 4px 4px  
4px #36573B }
```

Background

The CSS property to change the background color of an element to Hex 36573B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36573B }
```

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

```
.background{ background-color:#36573B }
```

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