

Converting Colors

Hex(34563B)

Have a look what the booklet for
Hex(34563B) contains.

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Color

Hex(34563B)

Conversions

Conversions Part 1

Format	Color
Hex	34563B
RGB	52, 86, 59
RGB Percent	20%, 34%, 23%
CMY	0.7961, 0.6627, 0.7686
CMYK	0.40, 0.00, 0.31, 0.66
HSL	132°, 25%, 27%
HSV	132°, 40%, 34%
XYZ	5.5334, 7.7014, 5.3326
YIQ	72.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

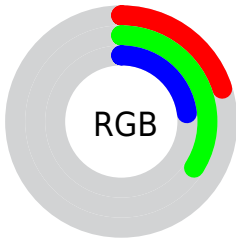
Format	Color
RYB	52, 80, 86
Decimal	3429947
CIELab	33.35, -18.94, 11.92
CIElCh	33, 22.381, 147.825
Yxy	7.7014, 0.2980, 0.4148
Android (android.graphics.Color)	4281620027 (0xFF34563B)
YUV	72.7560, -6.7817, -18.2030
Hunter-Lab	27.7514, -12.9737, 8.0332

Details

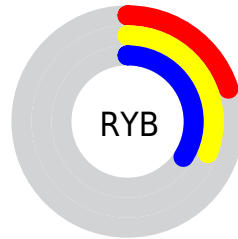
The Hex color **34563B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **56344F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **64886A**, and **062811** is the 20% darker color. If you saturate the color by 10%, you get **2B5634**, and if you desaturate by 10%, it is **3D5642**.

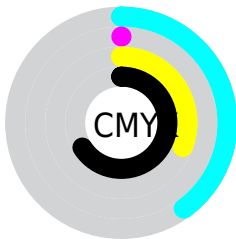
Distribution



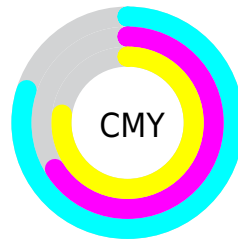
- Red (20%)
- Green (34%)
- Blue (23%)



- Red (20%)
- Yellow (31%)
- Blue (34%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (66%)



- Cyan (80%)
- Magenta (66%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34563B 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 34563B by changing the saturation by 10% instead.

 34563B

 34563B

FFFFFF

 1D3F25

 64886A

 062811

 7DA284

 001400

 98BD9E

 000000

 B3D9B9

 CEF6D4

 EBFFF1

 34563B

 34563B

 2B5634

 3D5642

■ 23562D

■ 455649

■ 1A5627

■ 4E564F

■ 125620

■ 565656

■ 095619

■ 5F565D

■ 005612

■ 685664

■ 70566B

■ 795672

■ 815678

Harmonies

Analogous

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



49522E



34563B



1B584C

Triad

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



34563B



325172



70423F

Complementary

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



34563B



56344F

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.



6F4150



34563B



4F4A6E

Square

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



34563B



0F556C



634462



694731

Rectangle

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



34563B



065859



634462



714144

Sweetspot

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



34563B



637066



4F5634



303832



B8B8B8



383838

Same Dimension

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



34563B



3B7046



34564C



272B28



006B16



00EB30

Inverse Universe

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



56344F



703B65



56343E



2B272A



6B0055



EB00BA

Previews

White Background



This preview shows how the Hex color 34563B looks on a white background.

Color Contrast Check

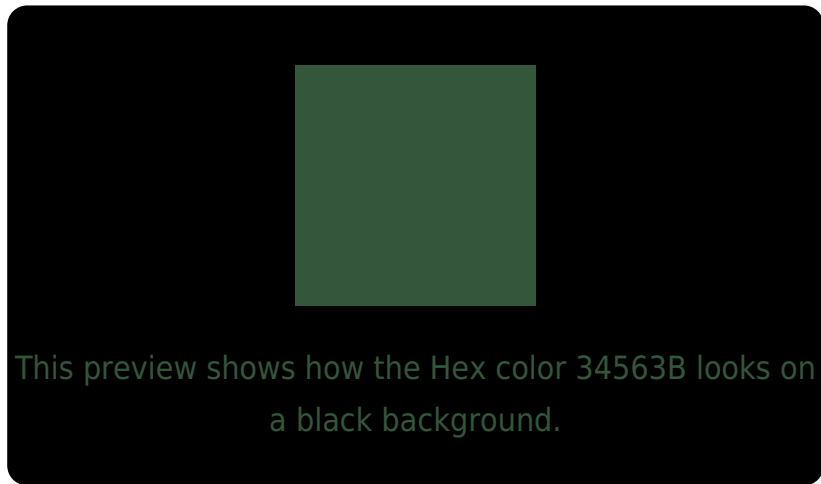
Large Text (above 18pt) WCAG AA ✓ Pass

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

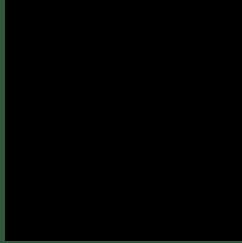
Any Text WCAG AA × Fail

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 34563B Background



This preview shows how black text looks on a background with the Hex color 34563B.



This preview shows how white text looks on a background with the Hex color 34563B.

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
34563B

Protanopia
544E38

Deuteranopia
5B4B3D



Tritanopia
3A5259

Trichromacy



Original Color
34563B

Protanomaly
485139

Deuteranomaly
4D4F3C

Tritanomaly
38534E

Monochromacy



Original Color
34563B

Achromatopsia
494949

Achromatomaly
414E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 34563B 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 #34563B looks like.

```
.text, #text, p{  
    color:#34563B  
}
```

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 #34563B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34563B
}
```

Border

The CSS property to change the border of an element to Hex 34563B 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
#34563B }
```

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

```
.border{ border-color:#34563B }
```

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

Here you see how a box with a 4 pixel #34563B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34563B; -webkit-box-shadow:4px 4px  
4px 4px #34563B; box-shadow:4px 4px 4px  
4px #34563B }
```

Background

The CSS property to change the background color of an element to Hex 34563B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34563B }
```

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

```
.background{ background-color:#34563B }
```

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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