

Converting Colors

Hex(33655C)

Have a look what the booklet for
Hex(33655C) contains.

Hex(33655C)	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(33655C)

Conversions

Conversions Part 1

Format	Color
Hex	33655C
RGB	51, 101, 92
RGB Percent	20%, 40%, 36%
CMY	0.8000, 0.6039, 0.6392
CMYK	0.50, 0.00, 0.09, 0.60
HSL	169°, 33%, 30%
HSV	169°, 50%, 40%
XYZ	7.9507, 10.7839, 11.7877
YIQ	85.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

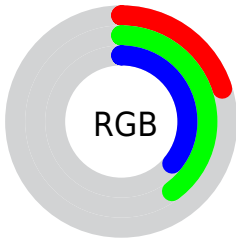
Format	Color
RYB	51, 78, 101
Decimal	3368284
CIELab	39.21, -19.32, -0.12
CIELCh	39, 19.321, 180.367
Yxy	10.7839, 0.2605, 0.3533
Android (android.graphics.Color)	4281558364 (0xFF33655C)
YUV	85.0240, 3.4392, -29.8390
Hunter-Lab	32.8388, -14.2508, 1.7047

Details

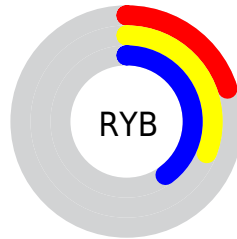
The Hex color **33655C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65333C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **65988E**, and **00362E** is the 20% darker color. If you saturate the color by 10%, you get **29655A**, and if you desaturate by 10%, it is **3D655E**.

Distribution



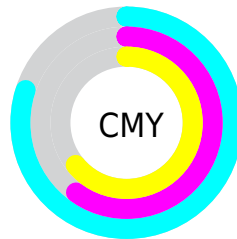
- Red (20%)
- Green (40%)
- Blue (36%)



- Red (20%)
- Yellow (31%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33655C 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 33655C by changing the saturation by 10% instead.

 33655C

 33655C

FFFFFF

 194D45

 65988E

 00362E

 7FB3A9

 00211A

 9ACFC4

 000000

 B5EBE0

 D1FFFC

 EEEFFF

 33655C

 33655C

 29655A

 3D655E

■ 1F6558

■ 476560

■ 156557

■ 516561

■ 0B6555

■ 5B6563

■ 016553

■ 666565

■ 006553

■ 706567

■ 7A6569

■ 84656B

■ 8E656C

Harmonies

Analogous

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



44634C



33655C



2A656C

Triad

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



33655C



5F5877



745642

Complementary

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



33655C



65333C

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.



7B524D



33655C



71536C

Square

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



33655C



485E7B



7A515D



675B3D

Rectangle

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



33655C



2E6374



7A515D



775445

Sweetspot

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



33655C



6F827F



3C6533



364240



C2C2C2



424242

Same Dimension

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



33655C



358274



335565



2E3332



00735E



00F2C7

Inverse Universe

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



65333C



823543



654333



332E2F



730015



F2002C

Previews

White Background



This preview shows how the Hex color 33655C looks on a white background.

Color Contrast Check

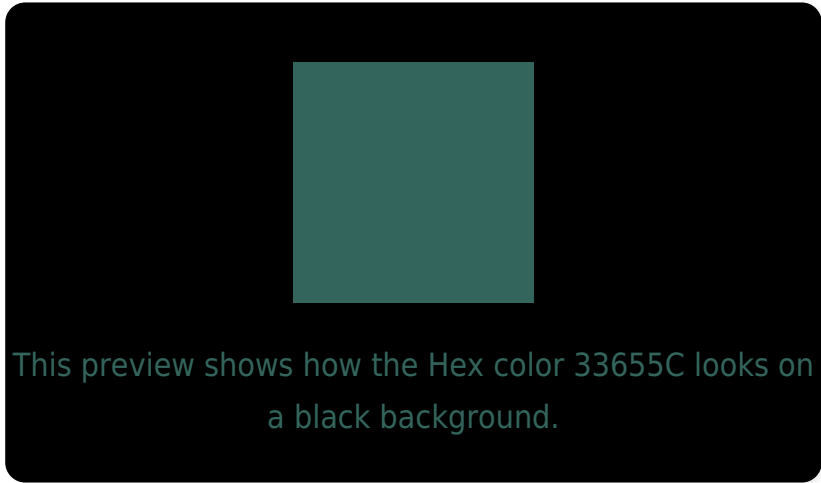
Large Text (above 18pt) WCAG AA ✓ Pass

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

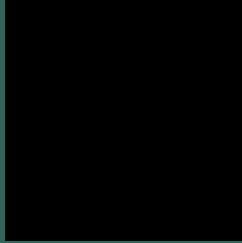
Any Text WCAG AA × Fail

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 33655C Background



This preview shows how black text looks on a background with the Hex color 33655C.



This preview shows how white text looks on a background with the Hex color 33655C.

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
33655C

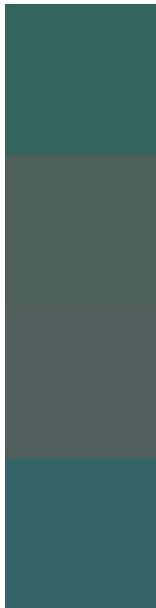
Protanopia
5F5C57

Deuteranopia
64595F



Tritanopia
38636B

Trichromacy



Original Color
33655C

Protanomaly
4F5F59

Deuteranomaly
525D5E

Tritanomaly
366466

Monochromacy



Original Color
33655C

Achromatopsia
555555

Achromatomaly
495B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 33655C 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 #33655C looks like.

```
.text, #text, p{  
    color:#33655C  
}
```

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 #33655C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33655C
}
```

Border

The CSS property to change the border of an element to Hex 33655C 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".

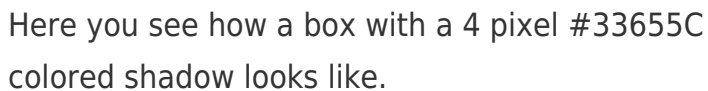
```
.border, #border, table{ border:4px solid
#33655C }
```

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

```
.border{ border-color:#33655C }
```

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

Here you see how a box with a 4 pixel #33655C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33655C; -webkit-box-shadow:4px 4px  
4px 4px #33655C; box-shadow:4px 4px 4px  
4px #33655C }
```

Background

The CSS property to change the background color of an element to Hex 33655C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33655C }
```

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

```
.background{ background-color:#33655C }
```

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