

Converting Colors

Hex(34685D)

Have a look what the booklet for
Hex(34685D) contains.

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Color

Hex(34685D)

Conversions

Conversions Part 1

Format	Color
Hex	34685D
RGB	52, 104, 93
RGB Percent	20%, 41%, 36%
CMY	0.7961, 0.5922, 0.6353
CMYK	0.50, 0.00, 0.11, 0.59
HSL	167°, 33%, 31%
HSV	167°, 50%, 41%
XYZ	8.3423, 11.4210, 12.1207
YIQ	87.1980, -27.4610, -14.4450

Conversions

Conversions Part 2

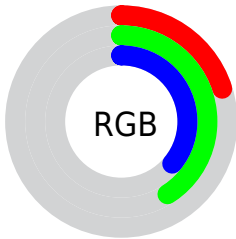
Format	Color
RYB	52, 81, 104
Decimal	3434589
CIELab	40.28, -20.39, 0.83
CIELCh	40, 20.402, 177.680
Yxy	11.4210, 0.2616, 0.3582
Android (android.graphics.Color)	4281624669 (0xFF34685D)
YUV	87.1980, 2.8604, -30.8686
Hunter-Lab	33.7950, -15.0786, 2.3919




Details

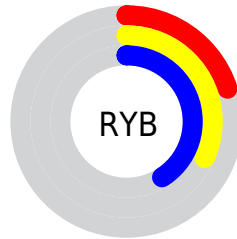
The Hex color **34685D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68343F**, and the grayscale version is **575757**.




A 20% lighter version of the original color is **669B8F**, and **00382F** is the 20% darker color. If you saturate the color by 10%, you get **2A685B**, and if you desaturate by 10%, it is **3E685F**.

Distribution







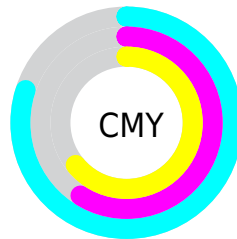
-  Red (20%)
-  Green (41%)
-  Blue (36%)






-  Red (20%)
-  Yellow (32%)
-  Blue (41%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (59%)



-  Cyan (80%)
-  Magenta (59%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34685D 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 34685D by changing the saturation by 10% instead.

 34685D

 34685D

FFFFFF

 1A5045

 669B8F

 00382F

 81B6AA

 00231A

 9BD2C5

 000200

 B7EFE1

 000000

 D3FFFD

 F0FFFF

 34685D

 34685D

 2A685B

 3E685F

■ 1F6859

■ 496861

■ 156856

■ 536864

■ 0A6854

■ 5E6866

■ 006852

■ 686868

■ 72686A

■ 7D686C

■ 87686F

■ 926871

Harmonies

Analogous

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



47664D



34685D



28686E

Triad

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



34685D



5F5B7C



795843

Complementary

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



34685D



68343F

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.



805350



34685D



735671

Square

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



34685D



476180



7E5361



6C5D3E

Rectangle

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



34685D



2B6677



7E5361



7C5647

Sweetspot

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



34685D



738783



3F6834



384542



C4C4C4



454545

Same Dimension

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



34685D



368776



345968



2E3332



00735A



00F2BF

Inverse Universe

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



68343F



873647



684334



332E2F



730018



F20033

Previews

White Background



This preview shows how the Hex color 34685D looks on a white background.

Color Contrast Check

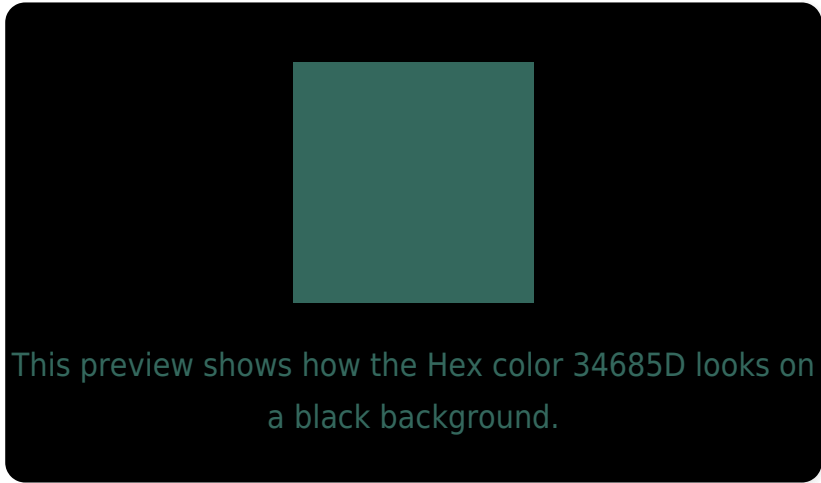
Large Text (above 18pt) WCAG AA ✓ Pass

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

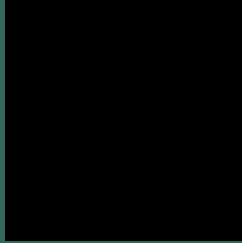
Any Text WCAG AA × Fail

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 34685D Background



This preview shows how black text looks on a background with the Hex color 34685D.



This preview shows how white text looks on a background with the Hex color 34685D.

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
34685D

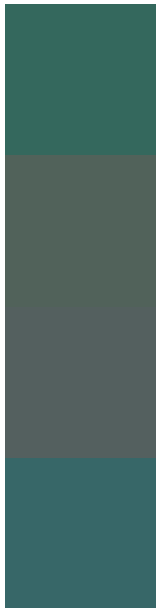
Protanopia
625E58

Deuteranopia
675C60



Tritanopia
39666E

Trichromacy



Original Color
34685D

Protanomaly
51625A

Deuteranomaly
54605F

Tritanomaly
376768

Monochromacy



Original Color
34685D

Achromatopsia
575757

Achromatomaly
4A5D59

CSS Examples

Text

The CSS property to change the color of the text to Hex 34685D 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 #34685D looks like.

```
.text, #text, p{  
    color:#34685D  
}
```

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 #34685D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34685D
}
```

Border

The CSS property to change the border of an element to Hex 34685D 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
#34685D }
```

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

```
.border{ border-color:#34685D }
```

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

Here you see how a box with a 4 pixel #34685D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34685D; -webkit-box-shadow:4px 4px  
4px 4px #34685D; box-shadow:4px 4px 4px  
4px #34685D }
```

Background

The CSS property to change the background color of an element to Hex 34685D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34685D }
```

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

```
.background{ background-color:#34685D }
```

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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