

Converting Colors

Hex(334F48)

Have a look what the booklet for
Hex(334F48) contains.

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Color

Hex(334F48)

Conversions

Conversions Part 1

Format	Color
Hex	334F48
RGB	51, 79, 72
RGB Percent	20%, 31%, 28%
CMY	0.8000, 0.6902, 0.7176
CMYK	0.35, 0.00, 0.09, 0.69
HSL	165°, 22%, 25%
HSV	165°, 35%, 31%
XYZ	5.3309, 6.7637, 7.1554
YIQ	69.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

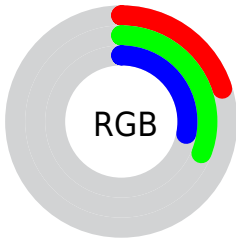
Format	Color
R_{YB}	51, 67, 79
Decimal	3362632
CIE _{Lab}	31.26, -12.33, 0.78
CIE _{LCh}	31, 12.351, 176.387
Yxy	6.7637, 0.2769, 0.3514
Android (android.graphics.Color)	4281552712 (0xFF334F48)
YUV	69.8300, 1.0698, -16.5139
Hunter-Lab	26.0070, -8.9233, 1.8922

Details

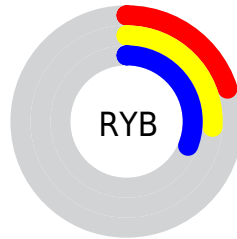
The Hex color **334F48** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F333A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **638078**, and **07221D** is the 20% darker color. If you saturate the color by 10%, you get **2B4F46**, and if you desaturate by 10%, it is **3B4F4A**.

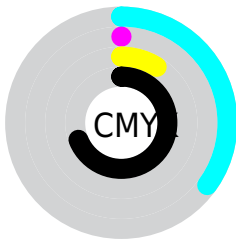
Distribution



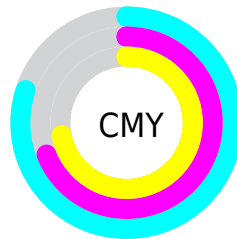
- Red (20%)
- Green (31%)
- Blue (28%)



- Red (20%)
- Yellow (26%)
- Blue (31%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (69%)



- Cyan (80%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 334F48 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 334F48 by changing the saturation by 10% instead.



334F48



334F48

FFFFFF



1D3832



638078



07221D



7C9A92



000902



96B5AD



000000



B1D1C8



CCEDE4



E9FFFF



334F48



334F48



2B4F46



3B4F4A

■ 234F44

■ 434F4C

■ 1B4F42

■ 4B4F4E

■ 134F40

■ 534F50

■ 0C4F3E

■ 5B4F52

■ 044F3C

■ 624F54

■ 004F3B

■ 6A4F56

■ 724F58

■ 7A4F5A

Harmonies

Analogous

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



3D4E3F



334F48



2E4F52

Triad

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



334F48



4A475B



5A453A

Complementary

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



334F48



4F333A

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.



5D4341



334F48



554454

Square

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



334F48



3D4B5D



5C434B



524936

Rectangle

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



334F48



304E57



5C434B



5B443C

Sweetspot

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



334F48



5B6663



3A4F33



2C3331



B3B3B3



333333

Same Dimension

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



334F48



3A665B



33484F



222625



00664D



00E6AC

Inverse Universe

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



4F333A



663A45



4F3A33



262223



66001A



E60039

Previews

White Background



This preview shows how the Hex color 334F48 looks on a white background.

Color Contrast Check

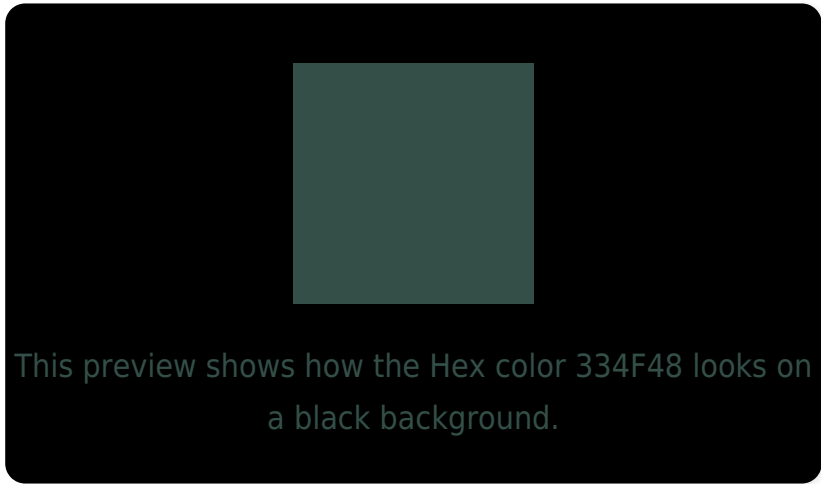
Large Text (above 18pt) WCAG AA ✓ Pass

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

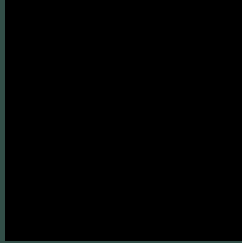
Any Text WCAG AA × Fail

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 334F48 Background



This preview shows how black text looks on a background with the Hex color 334F48.



This preview shows how white text looks on a background with the Hex color 334F48.

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
334F48

Protanopia
4C4945

Deuteranopia
50474A



Tritanopia
364D54

Trichromacy



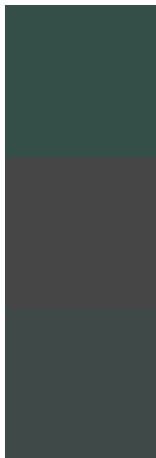
Original Color
334F48

Protanomaly
434B46

Deuteranomaly
454A49

Tritanomaly
354E50

Monochromacy



Original Color
334F48

Achromatopsia
464646

Achromatomaly
3F4947

CSS Examples

Text

The CSS property to change the color of the text to Hex 334F48 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 #334F48 looks like.

```
.text, #text, p{  
    color:#334F48  
}
```

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 #334F48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #334F48  
}
```

Border

The CSS property to change the border of an element to Hex 334F48 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  
#334F48 }
```

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

```
.border{ border-color:#334F48 }
```

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

Here you see how a box with a 4 pixel #334F48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #334F48; -webkit-box-shadow:4px 4px  
4px 4px #334F48; box-shadow:4px 4px 4px  
4px #334F48 }
```

Background

The CSS property to change the background color of an element to Hex 334F48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#334F48 }
```

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

```
.background{ background-color:#334F48 }
```

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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