

Converting Colors

Hex(2F3533)

Have a look what the booklet for
Hex(2F3533) contains.

Hex(2F3533)	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(2F3533)

Conversions

Conversions Part 1

Format	Color
Hex	2F3533
RGB	47, 53, 51
RGB Percent	18%, 21%, 20%
CMY	0.8157, 0.7922, 0.8000
CMYK	0.11, 0.00, 0.04, 0.79
HSL	160°, 6%, 20%
HSV	160°, 11%, 21%
XYZ	3.0429, 3.3896, 3.6258
YIQ	50.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

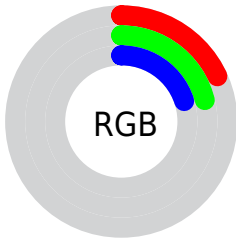
Format	Color
RYB	47, 51, 53
Decimal	3093811
CIELab	21.54, -3.05, 0.38
CIELCh	22, 3.073, 172.876
Yxy	3.3896, 0.3025, 0.3370
Android (android.graphics.Color)	4281283891 (0xFF2F3533)
YUV	50.9780, 0.0108, -3.4887
Hunter-Lab	18.4108, -2.7163, 1.2109

Details

The Hex color **2F3533** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352F31**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5D6361**, and **000805** is the 20% darker color. If you saturate the color by 10%, you get **2A3531**, and if you desaturate by 10%, it is **343535**.

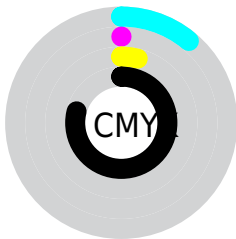
Distribution



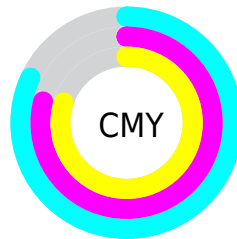
- Red (18%)
- Green (21%)
- Blue (20%)



- Red (18%)
- Yellow (20%)
- Blue (21%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (79%)



- Cyan (82%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F3533 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 2F3533 by changing the saturation by 10% instead.



2F3533



2F3533

FFFFFF



1A201E



5D6361



000805



767C7A



000000



8F9694



AAB1AE



C5CCCA



E1E9E6



FDFFFF



2F3533



2F3533

■ 2A3531

■ 343535

■ 24352F

■ 3A3537

■ 1F352E

■ 3F3538

■ 1A352C

■ 44353A

■ 15352A

■ 4A353C

■ 0F3528

■ 4F353E

■ 0A3527

■ 54353F

■ 053525

■ 593541

■ 003523

■ 5F3543

Harmonies

Analogous

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



313531



2F3533



2E3535

Triad

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



2F3533



333338



383330

Complementary

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



2F3533



352F31

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.



393232



2F3533



363336

Square

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



2F3533



313438



383234



36332F

Rectangle

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



2F3533



2E3537



383234



383231

Sweetspot

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



2F3533



434544



31352F



222423



A3A3A3



242424

Same Dimension

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



2F3533



3B4542



2F3435



171A19



00593B



00D990

Inverse Universe

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



352F31



453B3E



35302F



1A1718



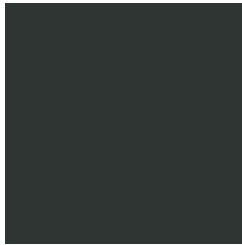
59001E



D90048

Previews

White Background



This preview shows how the Hex color 2F3533 looks on a white background.

Color Contrast Check

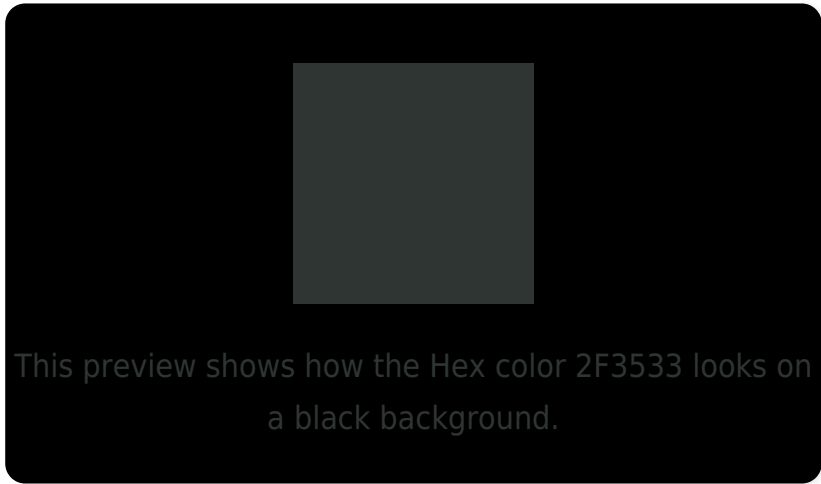
Large Text (above 18pt) WCAG AA ✓ Pass

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

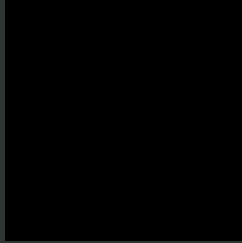
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

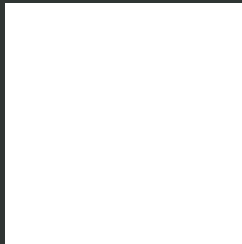
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F3533 Background



This preview shows how black text looks on a background with the Hex color 2F3533.

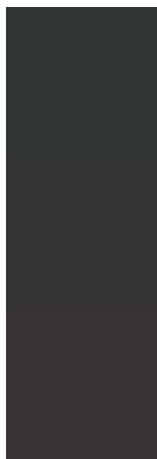


This preview shows how white text looks on a background with the Hex color 2F3533.

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](#).

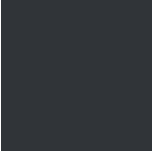
Dichromacy



Original Color
2F3533

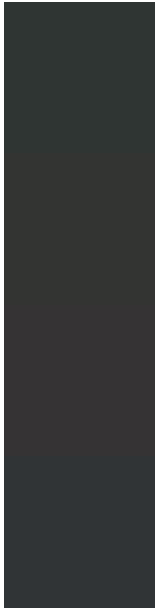
Protanopia
353332

Deuteranopia
383234



Tritanopia
303438

Trichromacy



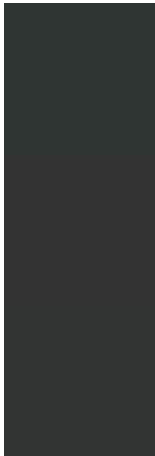
Original Color
2F3533

Protanomaly
333432

Deuteranomaly
353334

Tritanomaly
303436

Monochromacy



Original Color
2F3533

Achromatopsia
333333

Achromatomaly
323433

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F3533 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 #2F3533 looks like.

```
.text, #text, p{  
    color:#2F3533  
}
```

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 #2F3533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F3533
}
```

Border

The CSS property to change the border of an element to Hex 2F3533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

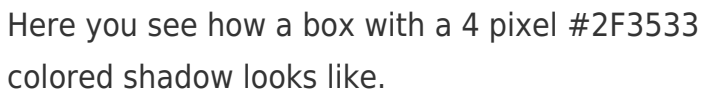
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F3533 }
```

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

```
.border{ border-color:#2F3533 }
```

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



Here you see how a box with a 4 pixel #2F3533 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F3533; -webkit-box-shadow:4px 4px  
4px 4px #2F3533; box-shadow:4px 4px 4px  
4px #2F3533 }
```

Background

The CSS property to change the background color of an element to Hex 2F3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F3533 }
```

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

```
.background{ background-color:#2F3533 }
```

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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