

Converting Colors

Hex(262F3A)

Have a look what the booklet for
Hex(262F3A) contains.

Hex(262F3A)	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(262F3A)

Conversions

Conversions Part 1

Format	Color
Hex	262F3A
RGB	38, 47, 58
RGB Percent	15%, 18%, 23%
CMY	0.8510, 0.8157, 0.7725
CMYK	0.34, 0.19, 0.00, 0.77
HSL	213°, 21%, 19%
HSV	213°, 34%, 23%
XYZ	2.5796, 2.7506, 4.3979
YIQ	45.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

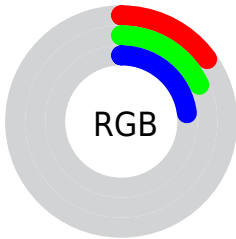
Format	Color
RYB	38, 44, 58
Decimal	2502458
CIELab	19.02, -0.67, -8.25
CIELCh	19, 8.276, 265.340
Yxy	2.7506, 0.2652, 0.2827
Android (android.graphics.Color)	4280692538 (0xFF262F3A)
YUV	45.5630, 6.1314, -6.6328
Hunter-Lab	16.5849, -1.2602, -4.1130

Details

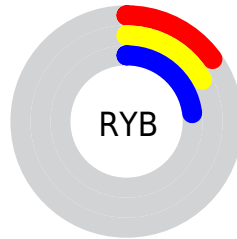
The Hex color **262F3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3126**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **535D69**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **202C3A**, and if you desaturate by 10%, it is **2C323A**.

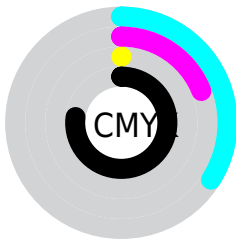
Distribution



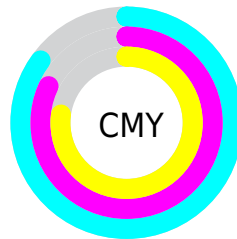
- Red (15%)
- Green (18%)
- Blue (23%)



- Red (15%)
- Yellow (17%)
- Blue (23%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (77%)



- Cyan (85%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 262F3A 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 262F3A by changing the saturation by 10% instead.

■ 262F3A

■ 262F3A

FFFFFF

■ 111A24

■ 535D69

■ 00010F

■ 6C7582

■ 000000

■ 858F9C

■ 9FA9B7

■ BAC5D3

■ D6E1EF

■ F3FDFF

■ 262F3A

■ 262F3A

■ 202C3A

■ 2C323A

■ 1A293A

■ 32353A

■ 15253A

■ 37393A

■ 0F223A

■ 3D3C3A

■ 091F3A

■ 433F3A

■ 031C3A

■ 49423A

■ 001A3A

■ 4F453A

■ 54493A

■ 5A4C3A

Harmonies

Analogous

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



203138



262F3A



2E2D39

Triad

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



262F3A



3B2A29



263127

Complementary

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



262F3A



3A3126

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.



2D2F23



262F3A



382C25

Square

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



262F3A



3A2A2F



342D22



21322D

Rectangle

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



262F3A



332C37



342D22



293026

Sweetspot

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



262F3A



45484D



263A31



222426



A6A6A6



262626

Same Dimension

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



262F3A



2D3B4D



27263A



191B1C



00295C



0063DB

Inverse Universe

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



3A262F



4D2D3B



393A26



1C191B



5C0029



DB0063

Previews

White Background



This preview shows how the Hex color 262F3A looks on a white background.

Color Contrast Check

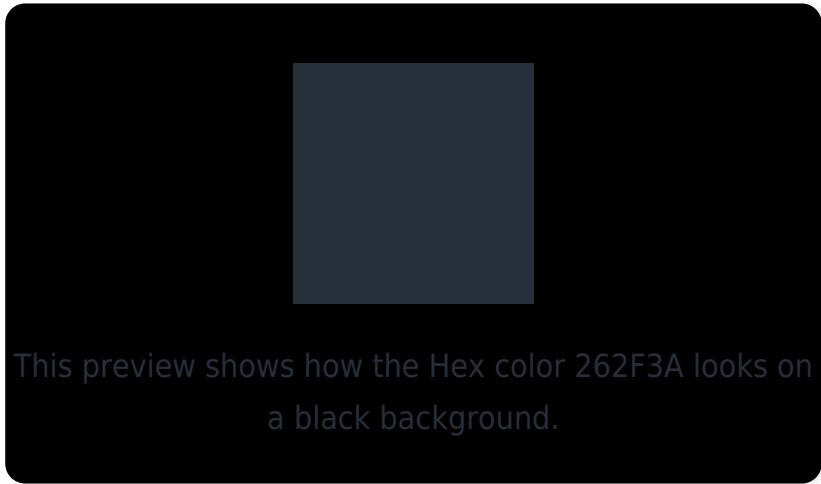
Large Text (above 18pt) WCAG AA ✓ Pass

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

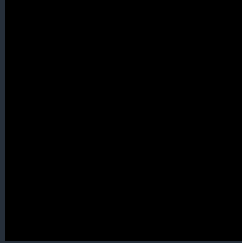
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

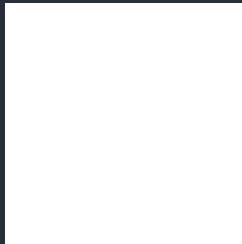
Any Text WCAG AAA × Fail

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

Hex 262F3A Background



This preview shows how black text looks on a background with the Hex color 262F3A.

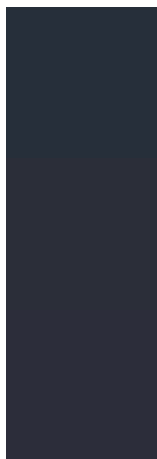


This preview shows how white text looks on a background with the Hex color 262F3A.

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

262F3A

Protanopia

2B2E39

Deuteranopia

2C2D3A



Tritanopia
253034

Trichromacy



Original Color

262F3A

Protanomaly

292E39

Deuteranomaly

2A2E3A

Tritanomaly

253036

Monochromacy



Original Color

262F3A

Achromatopsia

2E2E2E

Achromatomaly

2B2E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 262F3A 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 #262F3A looks like.

```
.text, #text, p{  
    color:#262F3A  
}
```

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 #262F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #262F3A
}
```

Border

The CSS property to change the border of an element to Hex 262F3A 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
#262F3A }
```

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

```
.border{ border-color:#262F3A }
```

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

Here you see how a box with a 4 pixel #262F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #262F3A; -webkit-box-shadow:4px 4px  
4px 4px #262F3A; box-shadow:4px 4px 4px  
4px #262F3A }
```

Background

The CSS property to change the background color of an element to Hex 262F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#262F3A }
```

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

```
.background{ background-color:#262F3A }
```

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