

# Converting Colors

Hex(263937)

Have a look what the booklet for  
Hex(263937) contains.

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# Color

**Hex(263937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	263937
RGB	38, 57, 55
RGB Percent	15%, 22%, 22%
CMY	0.8510, 0.7765, 0.7843
CMYK	0.33, 0.00, 0.04, 0.78
HSL	174°, 20%, 19%
HSV	174°, 33%, 22%
XYZ	2.9520, 3.6142, 4.1564
YIQ	51.0910, -10.6820, -4.6500

# Conversions

## Conversions Part 2

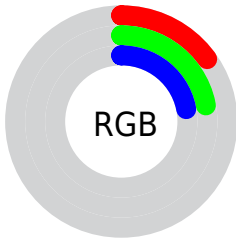
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 48, 57
Decimal	2505015
CIELab	22.35, -8.14, -1.22
CIELCh	22, 8.235, 188.497
Yxy	3.6142, 0.2753, 0.3371
Android (android.graphics.Color)	4280695095 (0xFF263937)
YUV	51.0910, 1.9271, -11.4808
Hunter-Lab	19.0109, -5.5514, 0.3448

# Details

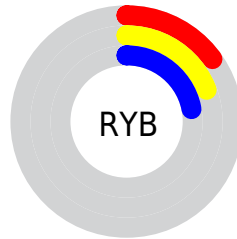
The Hex color **263937** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **392628**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **546866**, and **000E0B** is the 20% darker color. If you saturate the color by 10%, you get **203936**, and if you desaturate by 10%, it is **2C3938**.

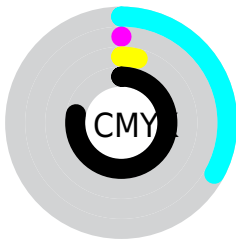
# Distribution



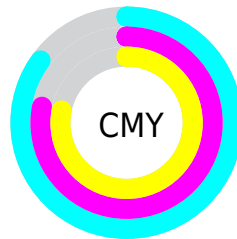
- Red (15%)
- Green (22%)
- Blue (22%)



- Red (15%)
- Yellow (19%)
- Blue (22%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (78%)



- Cyan (85%)
- Magenta (78%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 263937 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 263937 by changing the saturation by 10% instead.



■ 263937

■ 263937

FFFFFF

■ 112322

■ 546866

■ 000E0B

■ 6C817F

■ 000000

■ 869B99

■ A0B6B3

■ BBD2CF

■ D7EEEB

■ F3FFFF

■ 263937

■ 263937

■ 203936

■ 2C3938

■ 1B3936

■ 313938

■ 153935

■ 373939

■ 0F3935

■ 3D3939

■ 093934

■ 42393A

■ 043933

■ 48393B

■ 003933

■ 4E393B

■ 54393C

■ 59393C

# Harmonies

## Analogous

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



2B3931



263937



25393D

# Triad

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



263937



39333F



3E342A

# Complementary

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



263937



392628

# 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.



42322E



263937



3F323A

# Square

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



263937



313541



423134



383629

# Rectangle

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



263937



273840



423134



40332B



# Sweetspot

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



263937



434A49



283926



222626



A6A6A6



262626



# Same Dimension

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



263937



2C4A47



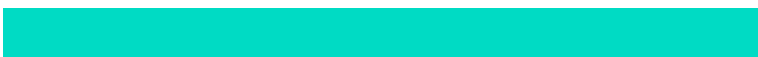
263239



191C1C



005C52



00DBC4



# Inverse Universe

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



392628



4A2C2F



392D26



1C191A



5C000A

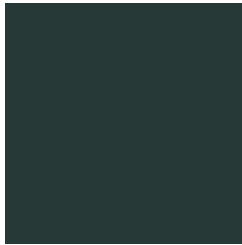


DB0017



# Previews

## White Background



This preview shows how the Hex color 263937 looks on a white background.

## Color Contrast Check

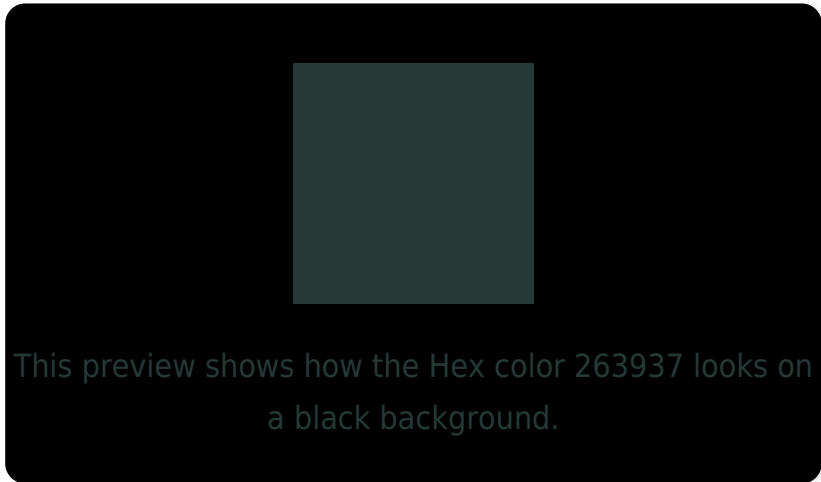
Large Text (above 18pt) WCAG AA ✓ Pass

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

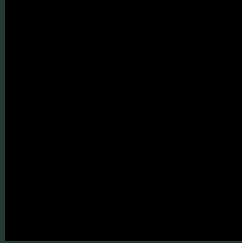
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 263937 Background



This preview shows how black text looks on a background with the Hex color 263937.



This preview shows how white text looks on a background with the Hex color 263937.

# 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](#).

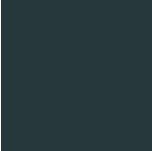
## Dichromacy



**Original Color**  
263937

**Protanopia**  
363535

**Deuteranopia**  
393438



**Tritanopia**  
27383D

# Trichromacy



**Original Color**

263937

**Protanomaly**

303636

**Deuteranomaly**

323638

**Tritanomaly**

27383B

# Monochromacy



**Original Color**

263937

**Achromatopsia**

333333

**Achromatomaly**

2E3534

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 263937 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 #263937 looks like.

```
.text, #text, p{  
    color:#263937  
}
```

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 #263937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263937
}
```

## Border

The CSS property to change the border of an element to Hex 263937 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
#263937 }
```

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

```
.border{ border-color:#263937 }
```

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

Here you see how a box with a 4 pixel #263937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263937; -webkit-box-shadow:4px 4px  
4px 4px #263937; box-shadow:4px 4px 4px  
4px #263937 }
```

# Background

The CSS property to change the background color of an element to Hex 263937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263937 }
```

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

```
.background{ background-color:#263937 }
```

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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