

# Converting Colors

Hex(263B29)

Have a look what the booklet for  
Hex(263B29) contains.

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# Color

**Hex(263B29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	263B29
RGB	38, 59, 41
RGB Percent	15%, 23%, 16%
CMY	0.8510, 0.7686, 0.8392
CMYK	0.36, 0.00, 0.31, 0.77
HSL	129°, 22%, 19%
HSV	129°, 36%, 23%
XYZ	2.7635, 3.7001, 2.6664
YIQ	50.6690, -6.7380, -10.0500

# Conversions

## Conversions Part 2

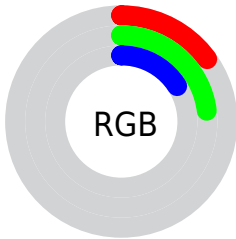
Format	Color
<b>R<sub>Y</sub>B</b>	38, 56, 59
Decimal	2505513
CIE Lab	22.65, -12.86, 8.57
CIE LCh	23, 15.455, 146.339
Yxy	3.7001, 0.3027, 0.4053
Android (android.graphics.Color)	4280695593 (0xFF263B29)
YUV	50.6690, -4.7668, -11.1107
Hunter-Lab	19.2356, -8.0177, 5.2464

# Details

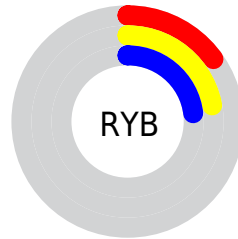
The Hex color **263B29** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B2638**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **546A56**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **203B24**, and if you desaturate by 10%, it is **2C3B2E**.

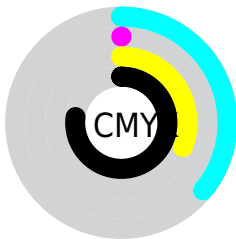
# Distribution



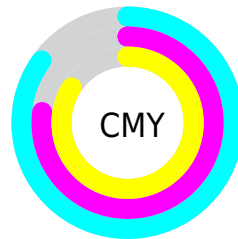
- Red (15%)
- Green (23%)
- Blue (16%)



- Red (15%)
- Yellow (22%)
- Blue (23%)



- Cyan (36%)
- Magenta (0%)
- Yellow (31%)
- Black (77%)



- Cyan (85%)
- Magenta (77%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 263B29 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 263B29 by changing the saturation by 10% instead.



 263B29

 263B29

FFFFFF

 112515

 546A56

 001100

 6C846F

 000000

 869E88

 A0B9A2

 BBD4BD

 D7F1D9

 F3FFF6

 263B29

 263B29

■ 203B24

■ 2C3B2E

■ 1A3B1F

■ 323B33

■ 143B1A

■ 383B38

■ 0E3B15

■ 3E3B3D

■ 083B10

■ 433B42

■ 033B0B

■ 493B47

■ 003B08

■ 4F3B4C

■ 553B51

■ 5B3B57

# Harmonies

## Analogous

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



333821



263B29



183C34

# Triad

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



263B29



24384D



4D2E2C

# Complementary

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



263B29



3B2638

# 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.



4B2D38



263B29



36344B

# Square

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



263B29



133B49



433043



483123

# Rectangle

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



263B29



103C3C



433043



4D2D30



# Sweetspot

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



263B29



444D45



383B26



212622



A6A6A6



262626



# Same Dimension

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



263B29



2C4D30



263B33



1C1F1C



005E0D



00DE20



# Inverse Universe

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



3B2638



4D2C48



3B262E



1F1C1E



5E0051

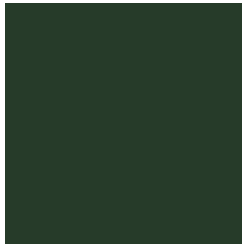


DE00BE



# Previews

## White Background



This preview shows how the Hex color 263B29 looks on a white background.

## Color Contrast Check

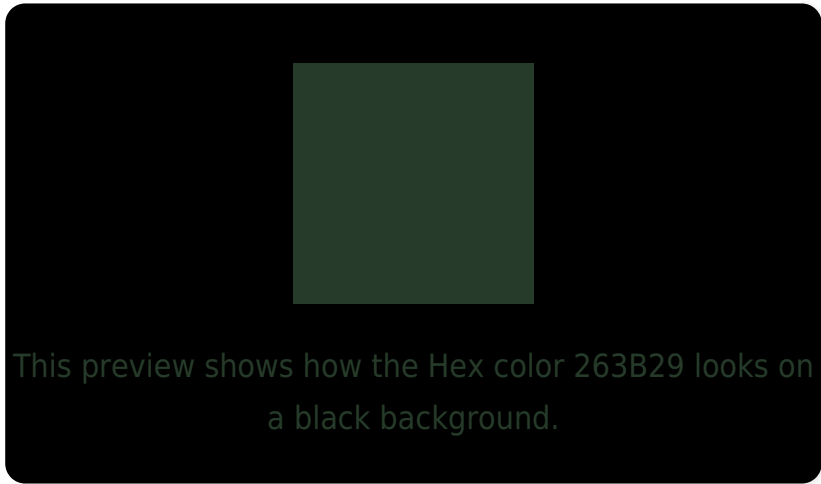
Large Text (above 18pt) WCAG AA ✓ Pass

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

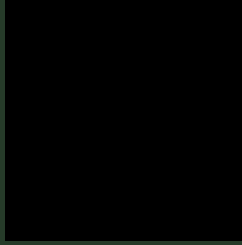
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 263B29 Background



This preview shows how black text looks on a background with the Hex color 263B29.



This preview shows how white text looks on a background with the Hex color 263B29.

# 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](#).

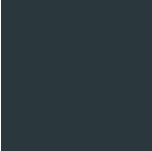
## Dichromacy



**Original Color**  
263B29

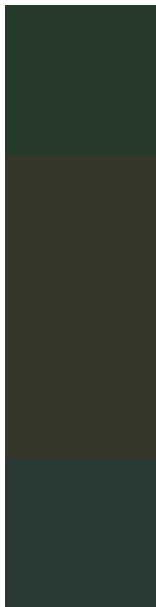
**Protanopia**  
3A3627

**Deuteranopia**  
3F342B



**Tritanopia**  
2A383D

# Trichromacy



**Original Color**

263B29

**Protanomaly**

333828

**Deuteranomaly**

36372A

**Tritanomaly**

293936

# Monochromacy



**Original Color**

263B29

**Achromatopsia**

333333

**Achromatomaly**

2E362F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 263B29 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 #263B29 looks like.

```
.text, #text, p{  
    color:#263B29  
}
```

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 #263B29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263B29
}
```

## Border

The CSS property to change the border of an element to Hex 263B29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

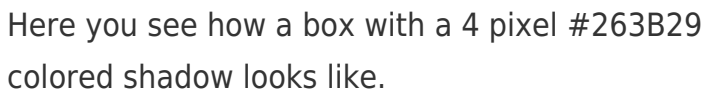
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#263B29 }
```

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

```
.border{ border-color:#263B29 }
```

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



Here you see how a box with a 4 pixel #263B29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263B29; -webkit-box-shadow:4px 4px  
4px 4px #263B29; box-shadow:4px 4px 4px  
4px #263B29 }
```

# Background

The CSS property to change the background color of an element to Hex 263B29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263B29 }
```

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

```
.background{ background-color:#263B29 }
```

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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