

# Converting Colors

Hex(263629)

Have a look what the booklet for  
Hex(263629) contains.

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# Color

**Hex(263629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	263629
RGB	38, 54, 41
RGB Percent	15%, 21%, 16%
CMY	0.8510, 0.7882, 0.8392
CMYK	0.30, 0.00, 0.24, 0.79
HSL	131°, 17%, 18%
HSV	131°, 30%, 21%
XYZ	2.5187, 3.2105, 2.5848
YIQ	47.7340, -5.3630, -7.4350

# Conversions

## Conversions Part 2

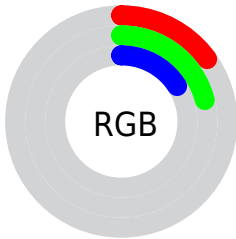
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 51, 54
Decimal	2504233
CIELab	20.87, -9.85, 6.09
CIELCh	21, 11.574, 148.280
Yxy	3.2105, 0.3030, 0.3862
Android (android.graphics.Color)	4280694313 (0xFF263629)
YUV	47.7340, -3.3199, -8.5367
Hunter-Lab	17.9179, -6.2643, 3.9896

# Details

The Hex color **263629** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362633**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **536556**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **213625**, and if you desaturate by 10%, it is **2B362D**.

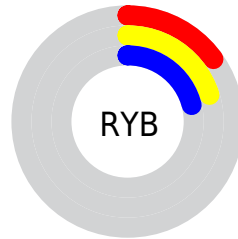
# Distribution



Red (15%)

Green (21%)

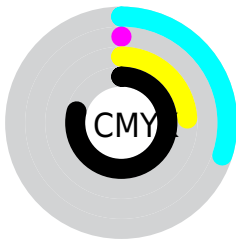
Blue (16%)



Red (15%)

Yellow (20%)

Blue (21%)

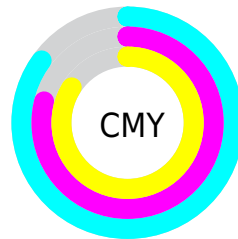


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (79%)



Cyan (85%)

Magenta (79%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 263629 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 263629 by changing the saturation by 10% instead.



■ 263629

■ 263629

FFFFFF

■ 112115

■ 536556

■ 000600

■ 6C7E6E

■ 000000

■ 859888

■ 9FB2A2

■ BACEBD

■ D6EAD9

■ F2FFF5

■ 263629

■ 263629

■ 213625

■ 2B362D

■ 1B3620

■ 313632

■ 16361C

■ 363636

■ 103617

■ 3C363B

■ 0B3613

■ 41363F

■ 06360F

■ 463643

■ 00360A

■ 4C3648

■ 51364C

■ 573650

# Harmonies

## Analogous

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



303423



263629



1D3731

# Triad

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



263629



273343



432C2B

# Complementary

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



263629



362633

# 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.



422C33



263629



333041

# Square

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



263629



1C3540



3D2D3B



402F24

# Rectangle

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



263629



193737



3D2D3B



432C2D



# Sweetspot

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



263629



414742



333626



202421



A3A3A3



242424



# Same Dimension

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



263629



2E4733



263631



191C1A



005C11



00DB29



# Inverse Universe

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



362633



472E43



36262B



1C191C



5C004B

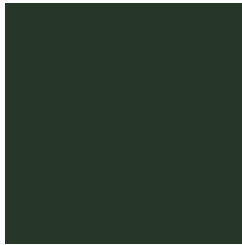


DB00B2



# Previews

## White Background



This preview shows how the Hex color 263629 looks on a white background.

## Color Contrast Check

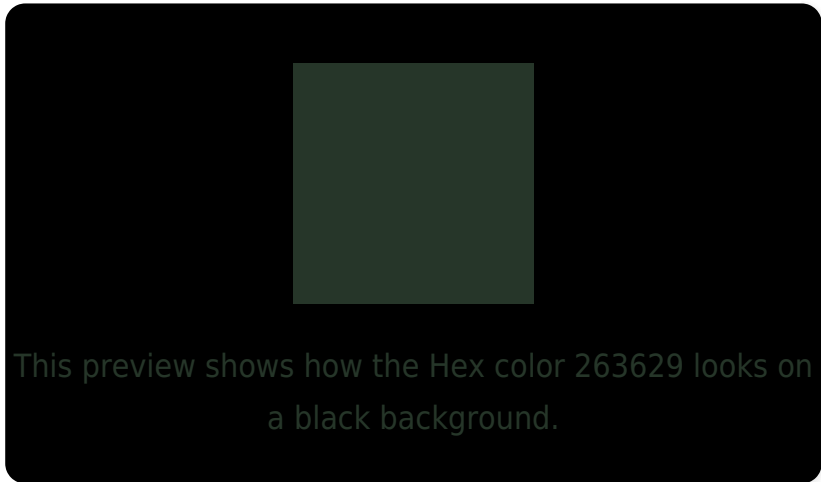
Large Text (above 18pt) WCAG AA ✓ Pass

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

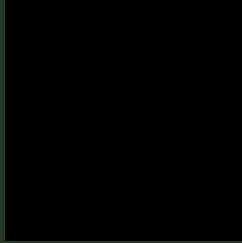
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 263629 Background



This preview shows how black text looks on a background with the Hex color 263629.

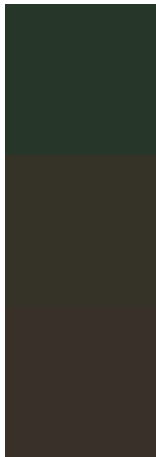


This preview shows how white text looks on a background with the Hex color 263629.

# 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**  
263629

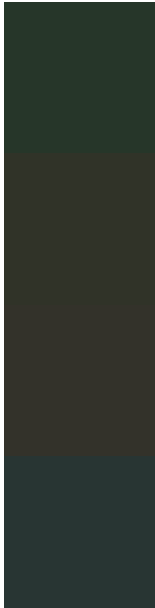
**Protanopia**  
353227

**Deuteranopia**  
3A302A



**Tritanopia**  
293438

# Trichromacy



**Original Color**  
263629

**Protanomaly**  
303328

**Deuteranomaly**  
33322A

**Tritanomaly**  
283533

# Monochromacy



**Original Color**  
263629

**Achromatopsia**  
303030

**Achromatomaly**  
2C322D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 263629 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 #263629 looks like.

```
.text, #text, p{  
  color:#263629  
}
```

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 #263629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263629
}
```

## Border

The CSS property to change the border of an element to Hex 263629 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
#263629 }
```

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

```
.border{ border-color:#263629 }
```

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

Here you see how a box with a 4 pixel #263629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263629; -webkit-box-shadow:4px 4px  
4px 4px #263629; box-shadow:4px 4px 4px  
4px #263629 }
```

# Background

The CSS property to change the background color of an element to Hex 263629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263629 }
```

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

```
.background{ background-color:#263629 }
```

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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