

# Converting Colors

Hex(263800)

Have a look what the booklet for  
Hex(263800) contains.

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# Color

**Hex(263800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	263800
RGB	38, 56, 0
RGB Percent	15%, 22%, 0%
CMY	0.8510, 0.7804, 1.0000
CMYK	0.32, 0.00, 1.00, 0.78
HSL	79°, 100%, 11%
HSV	79°, 100%, 22%
XYZ	2.2135, 3.2404, 0.5088
YIQ	44.2340, 7.2480, -21.2320

# Conversions

## Conversions Part 2

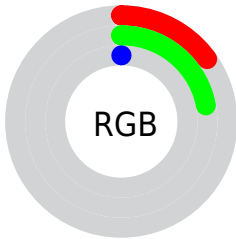
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 56, 18
Decimal	2504704
CIELab	20.98, -16.62, 28.90
CIELCh	21, 33.337, 119.904
Yxy	3.2404, 0.3712, 0.5434
Android (android.graphics.Color)	4280694784 (0xFF263800)
YUV	44.2340, -21.8074, -5.4672
Hunter-Lab	18.0012, -9.5529, 10.9250

# Details

The Hex color **263800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **120038**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **55672F**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **263800**, and if you desaturate by 10%, it is **283806**.

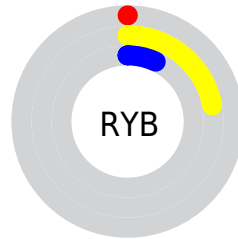
# Distribution



Red (15%)

Green (22%)

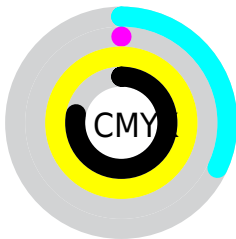
Blue (0%)



Red (0%)

Yellow (22%)

Blue (7%)

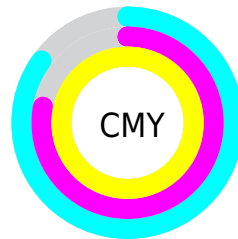


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (78%)



Cyan (85%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 263800 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 263800 by changing the saturation by 10% instead.



 263800

 263800

 FFFFE5

 0F2200

 55672F

 000700

 6E8047

 000000

 889A5F

 A3B578

 BED192

 DAEDAD

 F7FFC9

 263800

■ 283806

■ 2A380B

■ 2B3811

■ 2D3816

■ 2F381C

■ 313822

■ 333827

■ 34382D

■ 363832

# Harmonies

## Analogous

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



3F3100



263800



003C18

# Triad

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



263800



003B5D



5D1934

# Complementary

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



263800



120038

# 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.



4F204B



263800



003564

# Square

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



263800



003D4A



312C5D



5C1D1C

# Rectangle

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



263800



003D29



312C5D



5A1A3C



# Sweetspot

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



263800



434A34



381200



222618



A6A6A6



262626



# Same Dimension

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



263800



324A00



0A3800



1B1C19



3E5C00



95DB00



# Inverse Universe

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



120038



18004A



2E0038



1A191C



1E005C

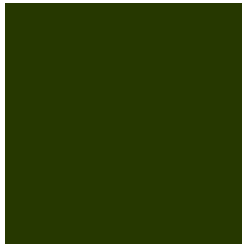


4600DB



# Previews

## White Background



This preview shows how the Hex color 263800 looks on a white background.

## Color Contrast Check

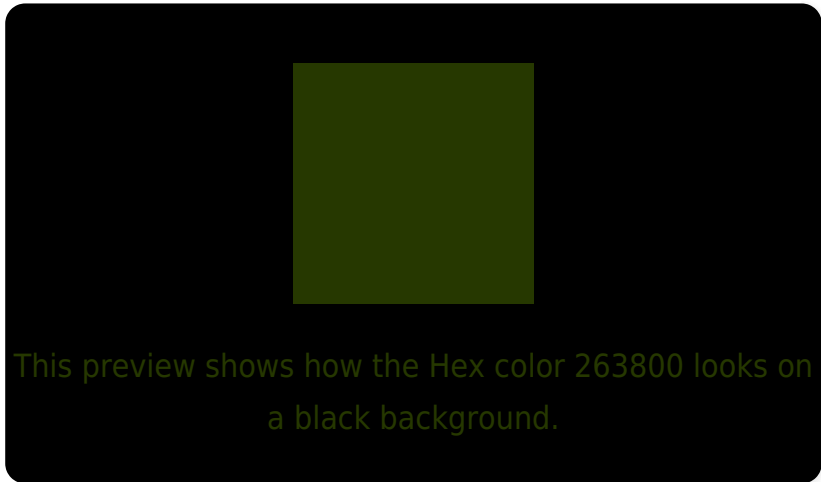
Large Text (above 18pt) WCAG AA ✓ Pass

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

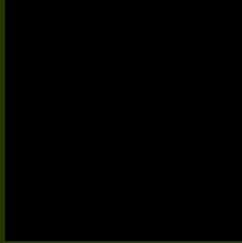
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 263800 Background



This preview shows how black text looks on a background with the Hex color 263800.



This preview shows how white text looks on a background with the Hex color 263800.

# 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](#).

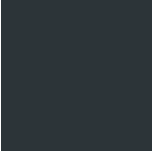
## Dichromacy



**Original Color**  
263800

**Protanopia**  
393300

**Deuteranopia**  
40300B



**Tritanopia**  
2C3438

# Trichromacy



**Original Color**  
263800

**Protanomaly**  
323500

**Deuteranomaly**  
373307

**Tritanomaly**  
2A3524

# Monochromacy



**Original Color**  
263800

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
2A301C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 263800 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 #263800 looks like.

```
.text, #text, p{  
    color:#263800  
}
```

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 #263800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263800
}
```

## Border

The CSS property to change the border of an element to Hex 263800 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
#263800 }
```

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

```
.border{ border-color:#263800 }
```

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

Here you see how a box with a 4 pixel #263800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263800; -webkit-box-shadow:4px 4px  
4px 4px #263800; box-shadow:4px 4px 4px  
4px #263800 }
```

# Background

The CSS property to change the background color of an element to Hex 263800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263800 }
```

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

```
.background{ background-color:#263800 }
```

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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