

# Converting Colors

Hex(203B2D)

Have a look what the booklet for  
Hex(203B2D) contains.

<b>Hex(203B2D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(203B2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	203B2D
RGB	32, 59, 45
RGB Percent	13%, 23%, 18%
CMY	0.8745, 0.7686, 0.8235
CMYK	0.46, 0.00, 0.24, 0.77
HSL	149°, 30%, 18%
HSV	149°, 46%, 23%
XYZ	2.6333, 3.6245, 3.0434
YIQ	49.3310, -11.5980, -10.0780

# Conversions

## Conversions Part 2

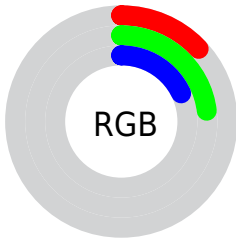
Format	Color
<b>R<sub>YB</sub></b>	32, 50, 59
Decimal	2112301
CIE Lab	22.39, -14.18, 5.49
CIE LCh	22, 15.202, 158.824
Yxy	3.6245, 0.2831, 0.3897
Android (android.graphics.Color)	4280302381 (0xFF203B2D)
YUV	49.3310, -2.1352, -15.1993
Hunter-Lab	19.0380, -8.6270, 3.8485

# Details

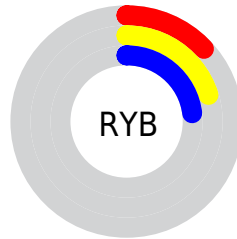
The Hex color **203B2D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3B202E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **4E6A5B**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **1A3B2A**, and if you desaturate by 10%, it is **263B30**.

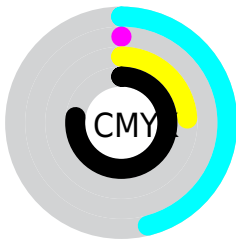
# Distribution



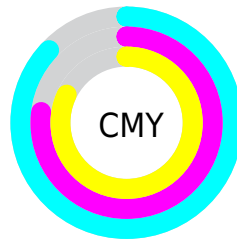
- Red (13%)
- Green (23%)
- Blue (18%)



- Red (13%)
- Yellow (20%)
- Blue (23%)



- Cyan (46%)
- Magenta (0%)
- Yellow (24%)
- Black (77%)



- Cyan (87%)
- Magenta (77%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 203B2D 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 203B2D by changing the saturation by 10% instead.



 203B2D

 203B2D

FFFFFF

 0A2518

 4E6A5B

 000F00

 668473

 000000

 7F9E8D

 9AB9A7

 B4D5C2

 D0F1DE

 EDFFFB

 203B2D

 203B2D

■ 1A3B2A

■ 263B30

■ 143B27

■ 2C3B33

■ 0E3B24

■ 323B36

■ 083B21

■ 383B39

■ 023B1E

■ 3D3B3C

■ 003B1C

■ 433B3F

■ 493B42

■ 4F3B45

■ 553B49

# Harmonies

## Analogous

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



2E3924



203B2D



133C39

# Triad

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



203B2D



2B354C



4A2F28

# Complementary

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



203B2D



3B202E

# 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.



4C2D33



203B2D



3B3147

# Square

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



203B2D



19394A



472E3E



443221

# Rectangle

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



203B2D



0D3B40



472E3E



4B2E2B



# Sweetspot

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



203B2D



424D47



2E3B20



202623



A6A6A6



262626



# Same Dimension

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



203B2D



224D37



203B3A



1C1F1D



005E2D



00DE6B



# Inverse Universe

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



3B202E



4D2238



3B2021



1F1C1D



5E0031

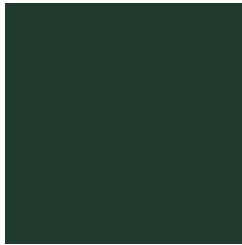


DE0073



# Previews

## White Background



This preview shows how the Hex color 203B2D looks on a white background.

## Color Contrast Check

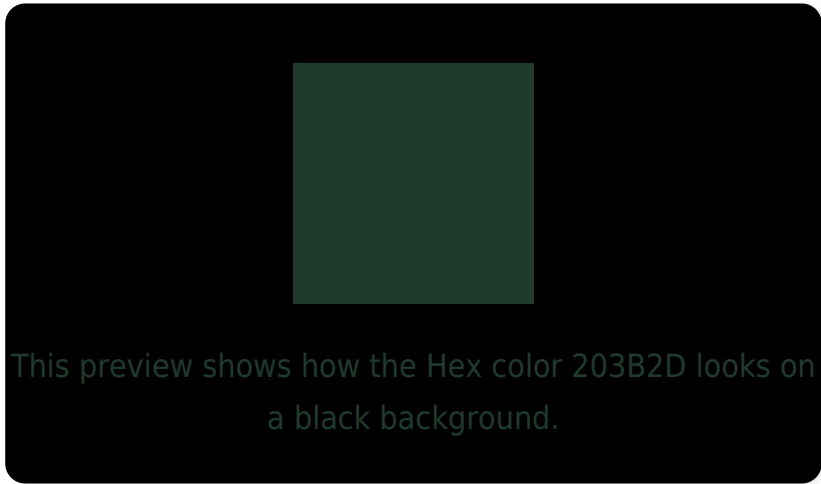
Large Text (above 18pt) WCAG AA ✓ Pass

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

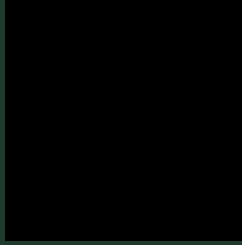
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 203B2D Background



This preview shows how black text looks on a background with the Hex color 203B2D.



This preview shows how white text looks on a background with the Hex color 203B2D.

# 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](#).

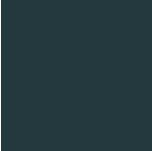
## Dichromacy



**Original Color**  
203B2D

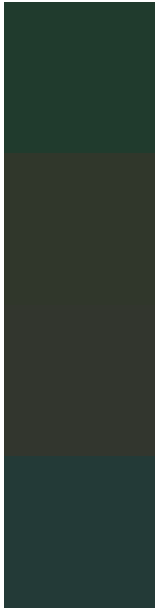
**Protanopia**  
39352A

**Deuteranopia**  
3D332F



**Tritanopia**  
24393D

# Trichromacy



**Original Color**  
203B2D

**Protanomaly**  
30372B

**Deuteranomaly**  
32362E

**Tritanomaly**  
233A37

# Monochromacy



**Original Color**  
203B2D

**Achromatopsia**  
313131

**Achromatomaly**  
2B3530

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 203B2D 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 #203B2D looks like.

```
.text, #text, p{  
    color:#203B2D  
}
```

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 #203B2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203B2D
}
```

## Border

The CSS property to change the border of an element to Hex 203B2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

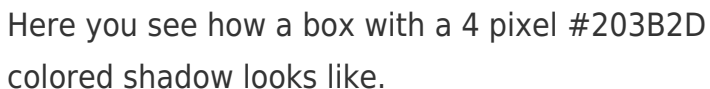
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#203B2D }
```

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

```
.border{ border-color:#203B2D }
```

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



Here you see how a box with a 4 pixel #203B2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203B2D; -webkit-box-shadow:4px 4px  
4px 4px #203B2D; box-shadow:4px 4px 4px  
4px #203B2D }
```

# Background

The CSS property to change the background color of an element to Hex 203B2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203B2D }
```

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

```
.background{ background-color:#203B2D }
```

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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