

Converting Colors

Hex(203D2F)

Have a look what the booklet for
Hex(203D2F) contains.

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Color

Hex(203D2F)

Conversions

Conversions Part 1

Format	Color
Hex	203D2F
RGB	32, 61, 47
RGB Percent	13%, 24%, 18%
CMY	0.8745, 0.7608, 0.8157
CMYK	0.48, 0.00, 0.23, 0.76
HSL	151°, 31%, 18%
HSV	151°, 48%, 24%
XYZ	2.7775, 3.8498, 3.2860
YIQ	50.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

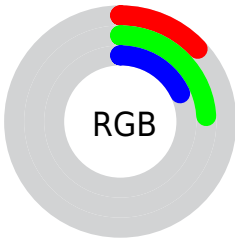
Format	Color
R_{YB}	32, 51, 61
Decimal	2112815
CIE Lab	23.17, -14.82, 5.26
CIE LCh	23, 15.729, 160.449
Yxy	3.8498, 0.2802, 0.3883
Android (android.graphics.Color)	4280302895 (0xFF203D2F)
YUV	50.7330, -1.8404, -16.4288
Hunter-Lab	19.6209, -9.0685, 3.8050




Details

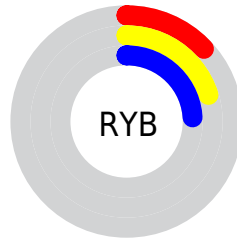
The Hex color **203D2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D202E**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **4E6D5D**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **1A3D2C**, and if you desaturate by 10%, it is **263D32**.

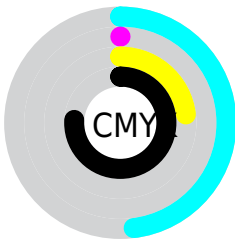
Distribution







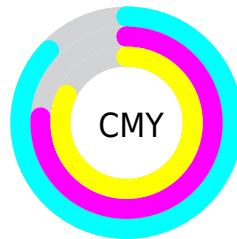
-  Red (13%)
-  Green (24%)
-  Blue (18%)






-  Red (13%)
-  Yellow (20%)
-  Blue (24%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (23%)
-  Black (76%)



-  Cyan (87%)
-  Magenta (76%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203D2F 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 203D2F by changing the saturation by 10% instead.

■ 203D2F

■ 203D2F

FFFFFF

■ 0A271A

■ 4E6D5D

■ 001300

■ 668675

■ 000000

■ 80A08F

■ 9ABBAA

■ B5D7C5

■ D1F4E1

■ EDFFFD

■ 203D2F

■ 203D2F

■ 1A3D2C

■ 263D32

■ 143D29

■ 2C3D35

■ 0E3D26

■ 323D38

■ 083D23

■ 383D3B

■ 023D20

■ 3F3D3E

■ 003D20

■ 453D41

■ 4B3D44

■ 513D47

■ 573D4A

Harmonies

Analogous

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



2E3B25



203D2F



123E3B

Triad

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



203D2F



2D374E



4D3029

Complementary

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



203D2F



3D202E

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.



4E2E34



203D2F



3E3349

Square

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



203D2F



1B3B4D



492F3F



463421

Rectangle

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



203D2F



0D3D43



492F3F



4E2F2C

Sweetspot

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



203D2F



444F4A



2E3D20



222925



A8A8A8



292929

Same Dimension

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



203D2F



224F39



203D3D



1C1F1D



005E31



00DE73

Inverse Universe

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



3D202E



4F2238



3D2020



1F1C1D



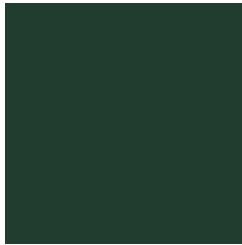
5E002E



DE006B

Previews

White Background



This preview shows how the Hex color 203D2F looks on a white background.

Color Contrast Check

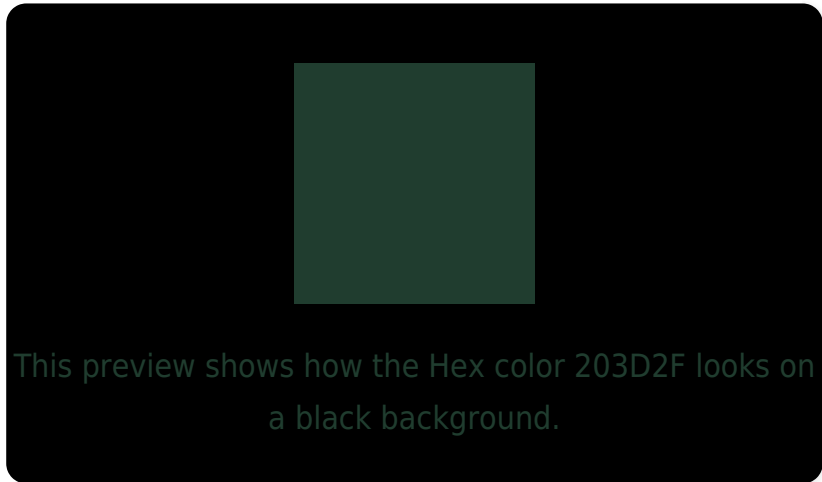
Large Text (above 18pt) WCAG AA ✓ Pass

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

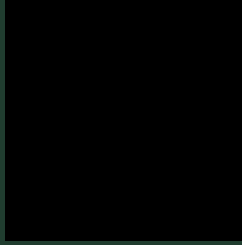
Any Text WCAG AA × Fail

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 203D2F Background



This preview shows how black text looks on a background with the Hex color 203D2F.



This preview shows how white text looks on a background with the Hex color 203D2F.

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](#).

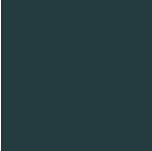
Dichromacy



Original Color
203D2F

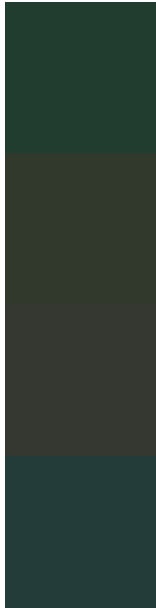
Protanopia
3B372C

Deuteranopia
3F3531



Tritanopia
243B40

Trichromacy



Original Color
203D2F

Protanomaly
31392D

Deuteranomaly
343830

Tritanomaly
233C3A

Monochromacy



Original Color
203D2F

Achromatopsia
333333

Achromatomaly
2C3732

CSS Examples

Text

The CSS property to change the color of the text to Hex 203D2F 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 #203D2F looks like.

```
.text, #text, p{  
  color:#203D2F  
}
```

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 #203D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203D2F
}
```

Border

The CSS property to change the border of an element to Hex 203D2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

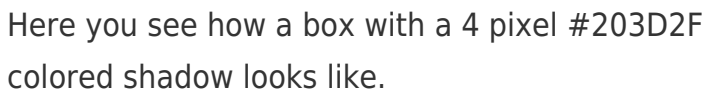
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#203D2F }
```

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

```
.border{ border-color:#203D2F }
```

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



Here you see how a box with a 4 pixel #203D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203D2F; -webkit-box-shadow:4px 4px  
4px 4px #203D2F; box-shadow:4px 4px 4px  
4px #203D2F }
```

Background

The CSS property to change the background color of an element to Hex 203D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203D2F }
```

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

```
.background{ background-color:#203D2F }
```

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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