

Converting Colors

Hex(203A35)

Have a look what the booklet for
Hex(203A35) contains.

Hex(203A35)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(203A35)

Conversions

Conversions Part 1

Format	Color
Hex	203A35
RGB	32, 58, 53
RGB Percent	13%, 23%, 21%
CMY	0.8745, 0.7725, 0.7922
CMYK	0.45, 0.00, 0.09, 0.77
HSL	168°, 29%, 18%
HSV	168°, 45%, 23%
XYZ	2.7513, 3.5902, 3.9161
YIQ	49.6560, -13.8910, -7.0670

Conversions

Conversions Part 2

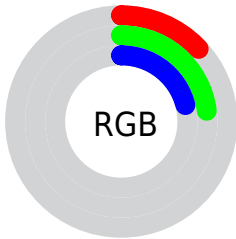
Format	Color
R_{YB}	32, 46, 58
Decimal	2112053
CIE _{Lab}	22.27, -11.42, -0.04
CIE _{LCh}	22, 11.425, 180.197
Yxy	3.5902, 0.2682, 0.3500
Android (android.graphics.Color)	4280302133 (0xFF203A35)
YUV	49.6560, 1.6486, -15.4843
Hunter-Lab	18.9479, -7.2398, 1.0095

Details

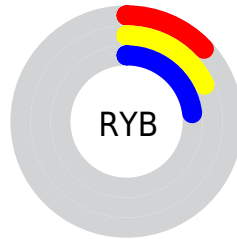
The Hex color **203A35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A2025**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4E6963**, and **000F08** is the 20% darker color. If you saturate the color by 10%, you get **1A3A34**, and if you desaturate by 10%, it is **263A36**.

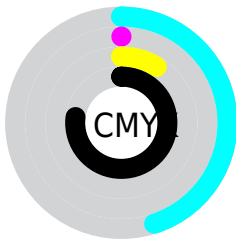
Distribution



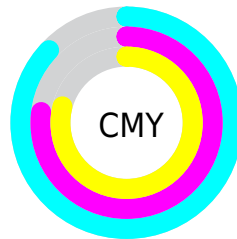
- Red (13%)
- Green (23%)
- Blue (21%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (77%)



- Cyan (87%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203A35 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 203A35 by changing the saturation by 10% instead.

■ 203A35

■ 203A35

FFFFFF

■ 0A2420

■ 4E6963

■ 000F08

■ 66827C

■ 000000

■ 809D96

■ 9AB7B1

■ B5D3CC

■ D0EFE8

■ EDFFFF

■ 203A35

■ 203A35

■ 1A3A34

■ 263A36

■ 143A33

■ 2C3A37

■ 0F3A32

■ 313A38

■ 093A31

■ 373A39

■ 033A2F

■ 3D3A3B

■ 003A2F

■ 433A3C

■ 493A3D

■ 4E3A3E

■ 543A3F

Harmonies

Analogous

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



29392D



203A35



1C3A3D

Triad

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



203A35



373344



423227

Complementary

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



203A35



3A2025

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.



46302D



203A35



40303E

Square

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



203A35



2B3646



462F36



3B3524

Rectangle

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



203A35



1E3942



462F36



443129

Sweetspot

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



203A35



434D4B



253A20



202625



A6A6A6



262626

Same Dimension

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



203A35



234D45



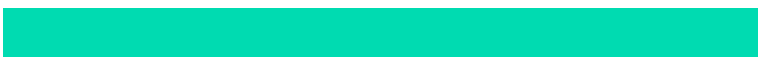
20323A



191C1C



005C4A



00DBB1

Inverse Universe

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



3A2025



4D232B



3A2820



1C191A



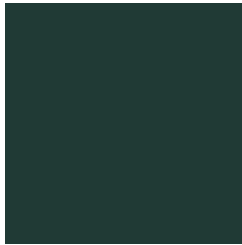
5C0012



DB002A

Previews

White Background



This preview shows how the Hex color 203A35 looks on a white background.

Color Contrast Check

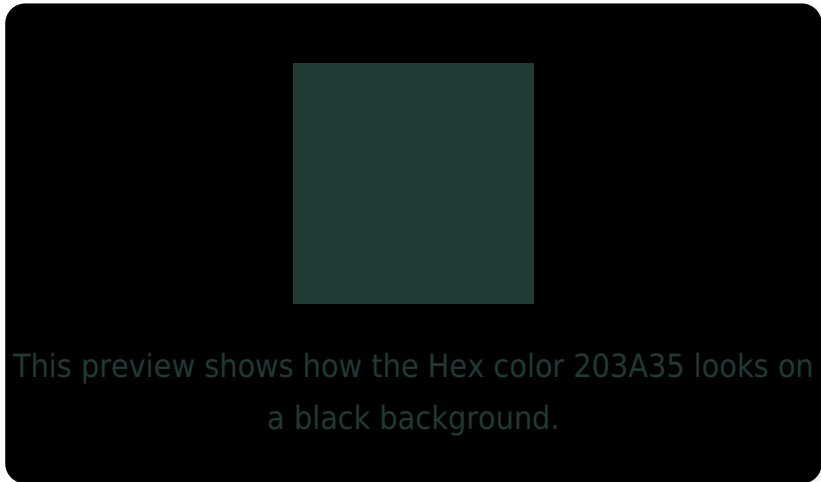
Large Text (above 18pt) WCAG AA ✓ Pass

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

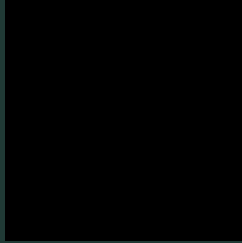
Any Text WCAG AA × Fail

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 203A35 Background



This preview shows how black text looks on a background with the Hex color 203A35.



This preview shows how white text looks on a background with the Hex color 203A35.

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](#).

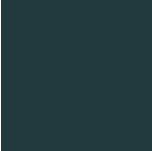
Dichromacy



Original Color
203A35

Protanopia
373532

Deuteranopia
3A3336



Tritanopia
22393D

Trichromacy



Original Color
203A35

Protanomaly
2F3733

Deuteranomaly
313636

Tritanomaly
21393A

Monochromacy



Original Color
203A35

Achromatopsia
323232

Achromatomaly
2B3533

CSS Examples

Text

The CSS property to change the color of the text to Hex 203A35 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 #203A35 looks like.

```
.text, #text, p{  
    color:#203A35  
}
```

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 #203A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203A35
}
```

Border

The CSS property to change the border of an element to Hex 203A35 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
#203A35 }
```

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

```
.border{ border-color:#203A35 }
```

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

Here you see how a box with a 4 pixel #203A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203A35; -webkit-box-shadow:4px 4px  
4px 4px #203A35; box-shadow:4px 4px 4px  
4px #203A35 }
```

Background

The CSS property to change the background color of an element to Hex 203A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203A35 }
```

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

```
.background{ background-color:#203A35 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor