

Converting Colors

Hex(203851)

Have a look what the booklet for
Hex(203851) contains.

Hex(203851)	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(203851)

Conversions

Conversions Part 1	
Format	Color
Hex	203851
RGB	32, 56, 81
RGB Percent	13%, 22%, 32%
CMY	0.8745, 0.7804, 0.6824
CMYK	0.60, 0.31, 0.00, 0.68
HSL	211°, 43%, 22%
HSV	211°, 60%, 32%
XYZ	3.4950, 3.7295, 8.3202
YIQ	51.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

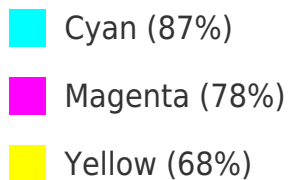
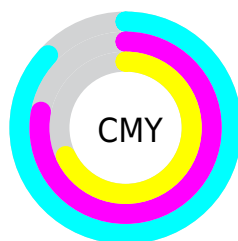
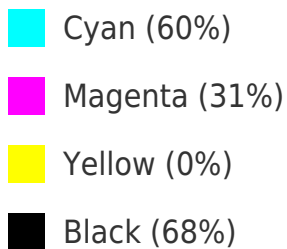
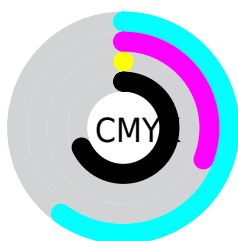
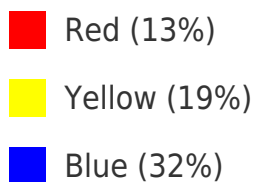
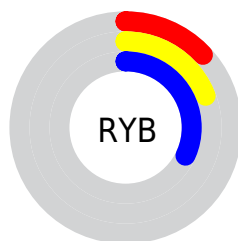
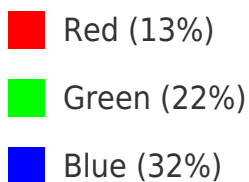
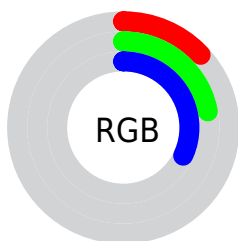
Format	Color
RYB	32, 48, 81
Decimal	2111569
CIELab	22.76, -0.79, -18.05
CIELCh	23, 18.066, 267.509
Yxy	3.7295, 0.2248, 0.2399
Android (android.graphics.Color)	4280301649 (0xFF203851)
YUV	51.6740, 14.4577, -17.2541
Hunter-Lab	19.3119, -1.4912, -12.0258

Details

The Hex color **203851** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **513920**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **516782**, and **000C24** is the 20% darker color. If you saturate the color by 10%, you get **183451**, and if you desaturate by 10%, it is **283C51**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 203851 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 203851 by changing the saturation by 10% instead.

 203851

 203851

FFFFFF

 05233A

 516782

 000C24

 6A809D

 00010D

 849AB7

 000000

 9EB4D3

 BAD0F0

 D6ECFF

 F2FFFF

 203851

 203851

 183451

 283C51

 103051

 304051

 082C51

 384451

 002851

 404951

 494D51

 515151

 595551

 615951

 695D51

Harmonies

Analogous

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



043B4D



203851



36334E

Triad

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



203851



502D2B



223C27

Complementary

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



203851



513920

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.



32391E



203851



4B3020

Square

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



203851



4F2C38



40351B



0F3D35

Rectangle

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



203851



423049



40351B



283B24

Sweetspot

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



203851



565F69



205139



2A3036



B5B5B5



363636

Same Dimension

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



203851



1C4269



202051



252729



003369



0072E8

Inverse Universe

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



512038



691C42



515120



292527



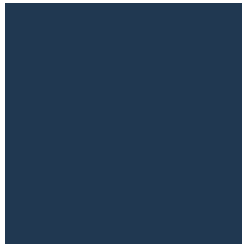
690033



E80072

Previews

White Background



This preview shows how the Hex color 203851 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



This preview shows how the Hex color 203851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

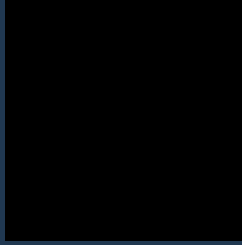
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

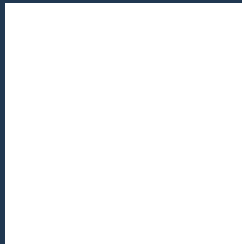
Any Text WCAG AAA × Fail

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

Hex 203851 Background



This preview shows how black text looks on a background with the Hex color 203851.



This preview shows how white text looks on a background with the Hex color 203851.

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
203851

Protanopia
2E354F

Deuteranopia
2A3651



Tritanopia

183B40

Trichromacy



Original Color

203851

Protanomaly

293650

Deuteranomaly

263751

Tritanomaly

1B3A46

Monochromacy



Original Color

203851

Achromatopsia

343434

Achromatomaly

2D353F

CSS Examples

Text

The CSS property to change the color of the text to Hex 203851 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 #203851 looks like.

```
.text, #text, p{  
    color:#203851  
}
```

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 #203851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203851
}
```

Border

The CSS property to change the border of an element to Hex 203851 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
#203851 }
```

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

```
.border{ border-color:#203851 }
```

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

Here you see how a box with a 4 pixel #203851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203851; -webkit-box-shadow:4px 4px  
4px 4px #203851; box-shadow:4px 4px 4px  
4px #203851 }
```

Background

The CSS property to change the background color of an element to Hex 203851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203851 }
```

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

```
.background{ background-color:#203851 }
```

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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