

Converting Colors

Hex(203D50)

Have a look what the booklet for
Hex(203D50) contains.

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Color

Hex(203D50)

Conversions

Conversions Part 1

Format	Color
Hex	203D50
RGB	32, 61, 80
RGB Percent	13%, 24%, 31%
CMY	0.8745, 0.7608, 0.6863
CMYK	0.60, 0.24, 0.00, 0.69
HSL	204°, 43%, 22%
HSV	204°, 60%, 31%
XYZ	3.7124, 4.2238, 8.2090
YIQ	54.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

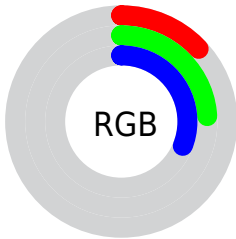
Format	Color
R _Y B	32, 50, 80
Decimal	2112848
CIE Lab	24.40, -4.48, -14.84
CIE LCh	24, 15.501, 253.189
Yxy	4.2238, 0.2299, 0.2616
Android (android.graphics.Color)	4280302928 (0xFF203D50)
YUV	54.4950, 12.5740, -19.7281
Hunter-Lab	20.5518, -3.7222, -9.2960

Details

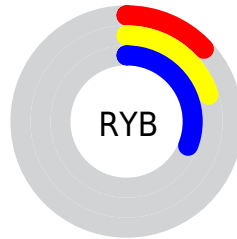
The Hex color **203D50** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **503320**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **516C81**, and **001323** is the 20% darker color. If you saturate the color by 10%, you get **183A50**, and if you desaturate by 10%, it is **284050**.

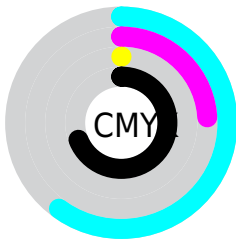
Distribution



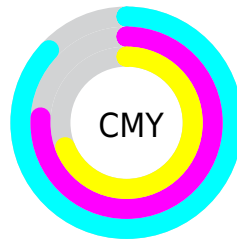
- Red (13%)
- Green (24%)
- Blue (31%)



- Red (13%)
- Yellow (20%)
- Blue (31%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203D50 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 203D50 by changing the saturation by 10% instead.

■ 203D50

■ 203D50

FFFFFF

■ 052739

■ 516C81

■ 001323

■ 6A869B

■ 00000C

■ 84A0B6

■ 000000

■ 9EBBD2

■ BAD6EE

■ D6F3FF

■ F2FFFF

■ 203D50

■ 203D50

■ 183A50

■ 284050

■ 103750

■ 304350

■ 083450

■ 384750

■ 003050

■ 404A50

■ 484D50

■ 505050

■ 585350

■ 605650

■ 685950

Harmonies

Analogous

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



133F4A



203D50



323951

Triad

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



203D50



513135



303E29

Complementary

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



203D50



503320

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.



3D3B23



203D50



4F332B

Square

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



203D50



4D3241



483724



224033

Rectangle

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



203D50



3D374D



483724



343D26

Sweetspot

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



203D50



566169



205032



2A3136



B5B5B5



363636

Same Dimension

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



203D50



1D4B69



202650



252729



003F69



008CE8

Inverse Universe

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



50203D



691D4B



504A20



292527



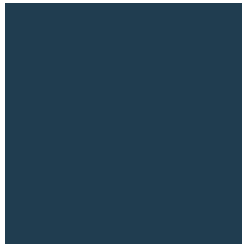
69003F



E8008C

Previews

White Background



This preview shows how the Hex color 203D50 looks on a white background.

Color Contrast Check

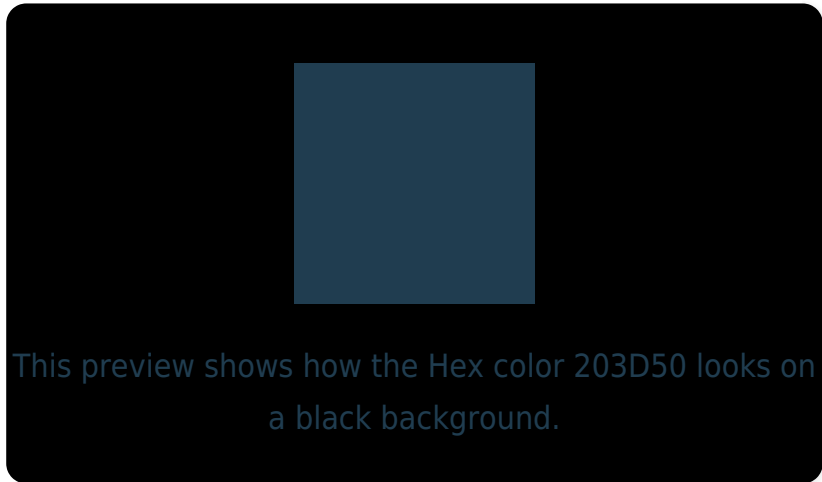
Large Text (above 18pt) WCAG AA ✓ Pass

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

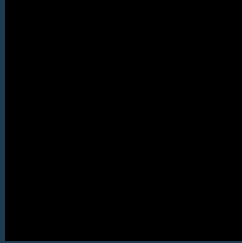
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

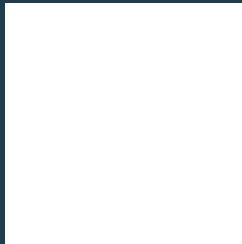
Any Text WCAG AAA × Fail

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

Hex 203D50 Background



This preview shows how black text looks on a background with the Hex color 203D50.



This preview shows how white text looks on a background with the Hex color 203D50.

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
203D50

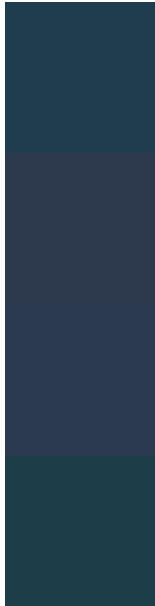
Protanopia
34394D

Deuteranopia
323951



Tritanopia
1B3F44

Trichromacy



Original Color
203D50

Protanomaly
2D3A4E

Deuteranomaly
2B3A51

Tritanomaly
1D3E48

Monochromacy



Original Color
203D50

Achromatopsia
363636

Achromatomaly
2E393F

CSS Examples

Text

The CSS property to change the color of the text to Hex 203D50 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 #203D50 looks like.

```
.text, #text, p{  
    color:#203D50  
}
```

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 #203D50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203D50
}
```

Border

The CSS property to change the border of an element to Hex 203D50 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
#203D50 }
```

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

```
.border{ border-color:#203D50 }
```

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

Here you see how a box with a 4 pixel #203D50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203D50; -webkit-box-shadow:4px 4px  
4px 4px #203D50; box-shadow:4px 4px 4px  
4px #203D50 }
```

Background

The CSS property to change the background color of an element to Hex 203D50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203D50 }
```

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

```
.background{ background-color:#203D50 }
```

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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