

Converting Colors

Hex(203F4B)

Have a look what the booklet for
Hex(203F4B) contains.

Hex(203F4B)	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(203F4B)

Conversions

Conversions Part 1

Format	Color
Hex	203F4B
RGB	32, 63, 75
RGB Percent	13%, 25%, 29%
CMY	0.8745, 0.7529, 0.7059
CMYK	0.57, 0.16, 0.00, 0.71
HSL	197°, 40%, 21%
HSV	197°, 57%, 29%
XYZ	3.6432, 4.3701, 7.3081
YIQ	55.0990, -22.3280, -2.8400

Conversions

Conversions Part 2

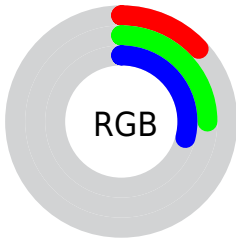
Format	Color
R_{YB}	32, 50, 75
Decimal	2113355
CIE Lab	24.86, -7.53, -10.83
CIE LCh	25, 13.194, 235.187
Yxy	4.3701, 0.2378, 0.2852
Android (android.graphics.Color)	4280303435 (0xFF203F4B)
YUV	55.0990, 9.8112, -20.2578
Hunter-Lab	20.9048, -5.4753, -6.0939




Details

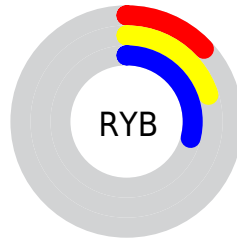
The Hex color **203F4B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4B2C20**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **506F7C**, and **00151F** is the 20% darker color. If you saturate the color by 10%, you get **183D4B**, and if you desaturate by 10%, it is **27414B**.

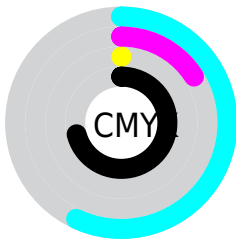
Distribution







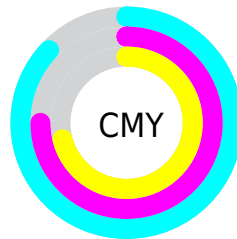
-  Red (13%)
-  Green (25%)
-  Blue (29%)






-  Red (13%)
-  Yellow (20%)
-  Blue (29%)



-  Cyan (57%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (87%)
-  Magenta (75%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203F4B 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 203F4B by changing the saturation by 10% instead.

■ 203F4B

■ 203F4B

FFFFFF

■ 062934

■ 506F7C

■ 00151F

■ 698896

■ 000005

■ 83A2B0

■ 000000

■ 9DBDCC

■ B9D9E8

■ D5F6FF

■ F1FFFF

■ 203F4B

■ 203F4B

■ 183D4B

■ 27414B

■ 113B4B

■ 2F434B

■ 09394B

■ 37454B

■ 02374B

■ 3E474B

■ 00364B

■ 46494B

■ 4D4C4B

■ 554E4B

■ 5C504B

■ 64524B

Harmonies

Analogous

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



1D4043



203F4B



2C3C4F

Triad

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



203F4B



4D343D



393D29

Complementary

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



203F4B



4B2C20

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.



443A27



203F4B



4F3433

Square

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



203F4B



463646



4B362B



2E3F2F

Rectangle

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



203F4B



363A4E



4B362B



3D3C28

Sweetspot

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



203F4B



505C61



204B2B



272E30



B0B0B0



303030

Same Dimension

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



203F4B



1E4E61



202A4B



222526



004A66



00A5E6

Inverse Universe

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



4B203F



611E4E



4B4120



262225



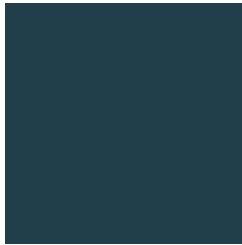
66004A



E600A5

Previews

White Background



This preview shows how the Hex color 203F4B 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

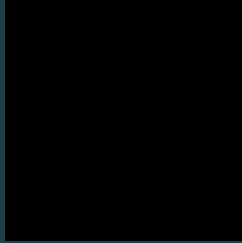
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

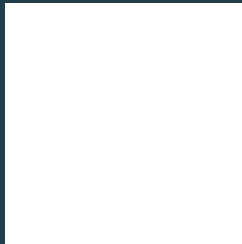
Any Text WCAG AAA × Fail

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

Hex 203F4B Background



This preview shows how black text looks on a background with the Hex color 203F4B.



This preview shows how white text looks on a background with the Hex color 203F4B.

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](#).

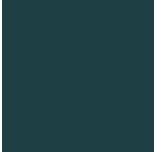
Dichromacy



Original Color
203F4B

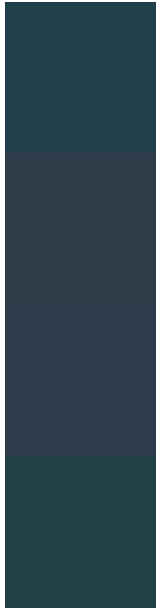
Protanopia
383A48

Deuteranopia
373A4C



Tritanopia
1E4045

Trichromacy



Original Color
203F4B

Protanomaly
2F3C49

Deuteranomaly
2F3C4C

Tritanomaly
1F4047

Monochromacy



Original Color
203F4B

Achromatopsia
373737

Achromatomaly
2F3A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 203F4B 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 #203F4B looks like.

```
.text, #text, p{  
    color:#203F4B  
}
```

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 #203F4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203F4B
}
```

Border

The CSS property to change the border of an element to Hex 203F4B 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
#203F4B }
```

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

```
.border{ border-color:#203F4B }
```

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

Here you see how a box with a 4 pixel #203F4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203F4B; -webkit-box-shadow:4px 4px  
4px 4px #203F4B; box-shadow:4px 4px 4px  
4px #203F4B }
```

Background

The CSS property to change the background color of an element to Hex 203F4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203F4B }
```

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

```
.background{ background-color:#203F4B }
```

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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