

Converting Colors

Hex(203375)

Have a look what the booklet for
Hex(203375) contains.

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Color

Hex(203375)

Conversions

Conversions Part 1

Format	Color
Hex	203375
RGB	32, 51, 117
RGB Percent	13%, 20%, 46%
CMY	0.8745, 0.8000, 0.5412
CMYK	0.73, 0.56, 0.00, 0.54
HSL	227°, 57%, 29%
HSV	227°, 73%, 46%
XYZ	4.9904, 3.9591, 17.3308
YIQ	52.8430, -32.5100, 16.4980

Conversions

Conversions Part 2

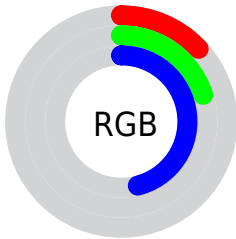
Format	Color
RYB	32, 48, 117
Decimal	2110325
CIELab	23.54, 16.81, -40.22
CIELCh	24, 43.596, 292.686
Yxy	3.9591, 0.1899, 0.1506
Android (android.graphics.Color)	4280300405 (0xFF203375)
YUV	52.8430, 31.6294, -18.2793
Hunter-Lab	19.8974, 9.9481, -37.7137




Details

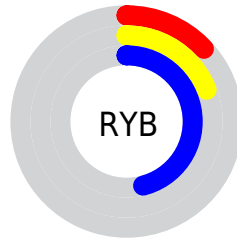
The Hex color **203375** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **756220**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **5861AA**, and **000744** is the 20% darker color. If you saturate the color by 10%, you get **142A75**, and if you desaturate by 10%, it is **2C3C75**.

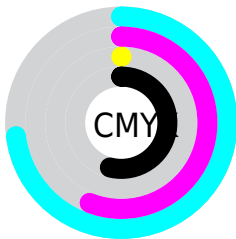
Distribution







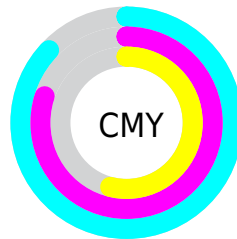
-  Red (13%)
-  Green (20%)
-  Blue (46%)






-  Red (13%)
-  Yellow (19%)
-  Blue (46%)



-  Cyan (73%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 203375 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 203375 by changing the saturation by 10% instead.

■ 203375

■ 203375

FFFFFF

■ 001E5C

■ 5861AA

■ 000744

■ 737AC5

■ 00032D

■ 8E93E1

■ 000117

■ AAAEFE

■ 000000

■ C6C9FF

■ E3E5FF

■ 203375

■ 203375

■ 142A75

■ 2C3C75

■ 092175

■ 374575

■ 001A75

■ 434E75

■ 4F5775

■ 5B6075

■ 666A75

■ 727375

■ 7E7C75

■ 898575

Harmonies

Analogous

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



003F79



203375



572160

Triad

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



203375



632500



00462F

Complementary

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



203375



756220

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.



00430B



203375



4D3400

Square

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



203375



6F1221



2F3E00



004650

Rectangle

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



203375



68144C



2F3E00



004523

Sweetspot

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



203375



777F99



207561



393D4D



CCCCCC



4D4D4D

Same Dimension

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



203375



143299



372075



35363B



001B7A



0038FA

Inverse Universe

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



752033



991432



5E7520



3B3536



7A001B



FA0038

Previews

White Background



This preview shows how the Hex color 203375 looks on a white background.

Color Contrast Check

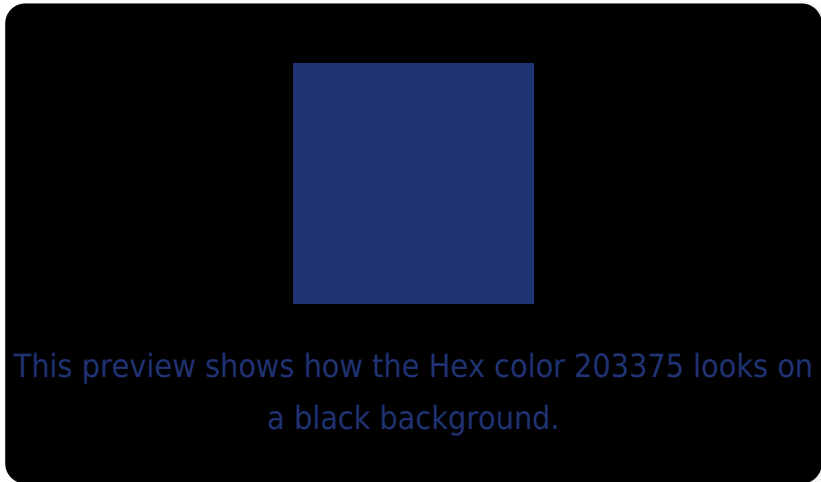
Large Text (above 18pt) WCAG AA ✓ Pass

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

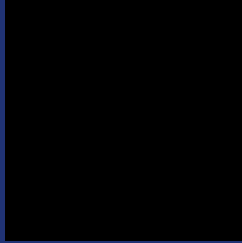
Any Text WCAG AA × Fail

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 203375 Background



This preview shows how black text looks on a background with the Hex color 203375.



This preview shows how white text looks on a background with the Hex color 203375.

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
203375

Protanopia
003673

Deuteranopia
003A63



Tritanopia
003E43

Trichromacy



Original Color
203375

Protanomaly
0C3574

Deuteranomaly
0C376A

Tritanomaly
0C3A55

Monochromacy



Original Color
203375

Achromatopsia
353535

Achromatomaly
2D344C

CSS Examples

Text

The CSS property to change the color of the text to Hex 203375 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 #203375 looks like.

```
.text, #text, p{  
    color:#203375  
}
```

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 #203375 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #203375
}
```

Border

The CSS property to change the border of an element to Hex 203375 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
#203375 }
```

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

```
.border{ border-color:#203375 }
```

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

Here you see how a box with a 4 pixel #203375 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #203375; -webkit-box-shadow:4px 4px  
4px 4px #203375; box-shadow:4px 4px 4px  
4px #203375 }
```

Background

The CSS property to change the background color of an element to Hex 203375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#203375 }
```

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

```
.background{ background-color:#203375 }
```

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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