

Converting Colors

Hex(251353)

Have a look what the booklet for
Hex(251353) contains.

Hex(251353)	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>	28

Color

Hex(251353)

Conversions

Conversions Part 1

Format	Color
Hex	251353
RGB	37, 19, 83
RGB Percent	15%, 7%, 33%
CMY	0.8549, 0.9255, 0.6745
CMYK	0.55, 0.77, 0.00, 0.67
HSL	257°, 63%, 20%
HSV	257°, 77%, 33%
XYZ	2.5572, 1.4836, 8.3352
YIQ	31.6780, -9.8160, 23.7200

Conversions

Conversions Part 2

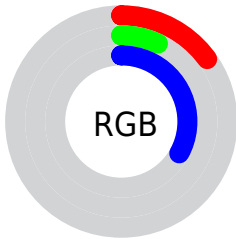
Format	Color
R_{YB}	37, 19, 83
Decimal	2429779
CIE _{Lab}	12.50, 26.96, -35.78
CIE _{LCh}	13, 44.800, 307.003
Yxy	1.4836, 0.2066, 0.1199
Android (android.graphics.Color)	4280619859 (0xFF251353)
YUV	31.6780, 25.3017, 4.6674
Hunter-Lab	12.1803, 16.1592, -32.0471

Details

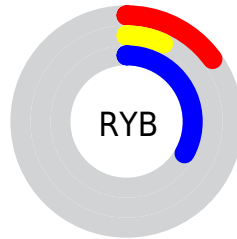
The Hex color **251353** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **415313**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **573F85**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **1F0B53**, and if you desaturate by 10%, it is **2B1B53**.

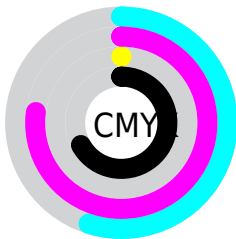
Distribution



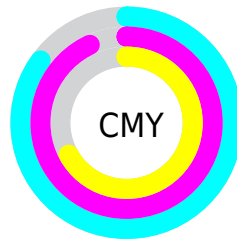
- Red (15%)
- Green (7%)
- Blue (33%)



- Red (15%)
- Yellow (7%)
- Blue (33%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 251353 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 251353 by changing the saturation by 10% instead.

 251353

 251353

 FFF7FF

 0F003C

 573F85

 000225

 7157A0

 00010D

 8C6FBB

 000000

 A789D7

 C3A4F3

 DFBFFF

 FCDBFF

 251353

 251353

■ 1F0B53

■ 2B1B53

■ 190253

■ 312453

■ 170053

■ 372C53

■ 3D3453

■ 433D53

■ 494553

■ 4F4D53

■ 555553

■ 5B5E53

Harmonies

Analogous

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



002360



251353



490039

Triad

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



251353



3C1500



002D27

Complementary

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



251353



415313

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.



002C00



251353



232200

Square

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



251353



4E0000



002800



002D46

Rectangle

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



251353



520025



002800



002D1C

Sweetspot

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



251353



59526B



134253



2B2736



B5B5B5



363636

Same Dimension

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



251353



24076B



441353



262529



1D0069



4100E8

Inverse Universe

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



531341



6B074F



225313



292528



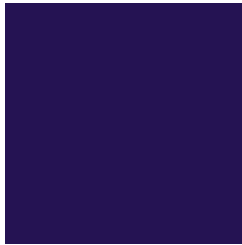
69004B



E800A7

Previews

White Background



This preview shows how the Hex color 251353 looks on a white background.

Color Contrast Check

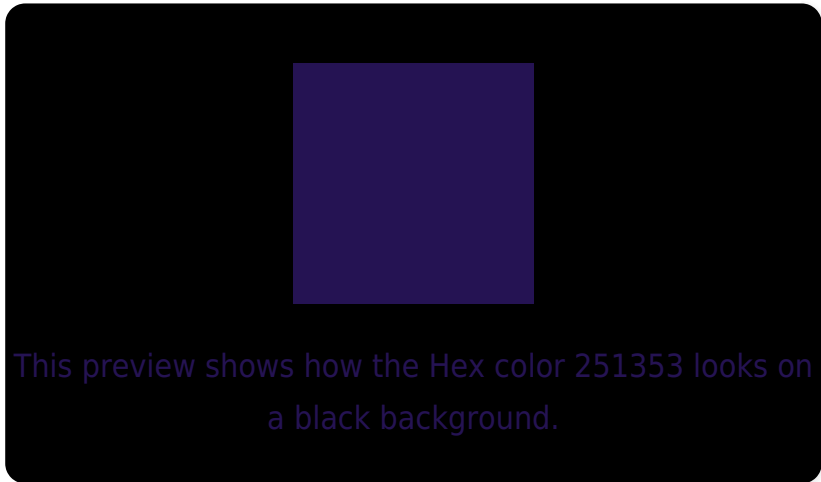
Large Text (above 18pt) WCAG AA ✓ Pass

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

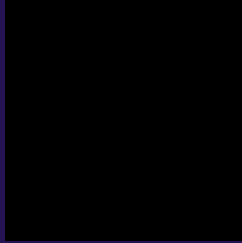
Any Text WCAG AA × Fail

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 251353 Background



This preview shows how black text looks on a background with the Hex color 251353.

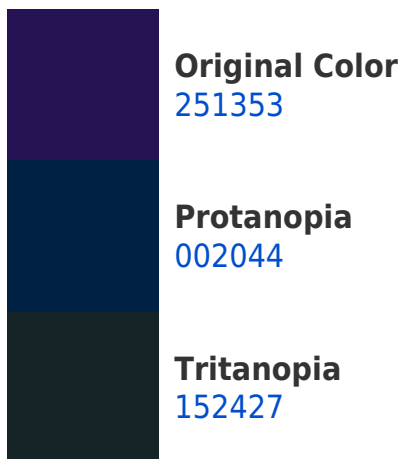


This preview shows how white text looks on a background with the Hex color 251353.

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



Trichromacy



Original Color
251353

Protanomaly
0D1B49

Tritanomaly
1B1E37

Monochromacy



Original Color
251353

Achromatopsia
202020

Achromatomaly
221B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 251353 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 #251353 looks like.

```
.text, #text, p{  
    color:#251353  
}
```

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 #251353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #251353  
}
```

Border

The CSS property to change the border of an element to Hex 251353 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".

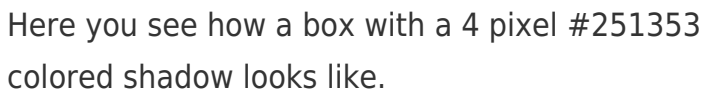
```
.border, #border, table{ border:4px solid  
#251353 }
```

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

```
.border{ border-color:#251353 }
```

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

Here you see how a box with a 4 pixel #251353 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #251353; -webkit-box-shadow:4px 4px  
4px 4px #251353; box-shadow:4px 4px 4px  
4px #251353 }
```

Background

The CSS property to change the background color of an element to Hex 251353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#251353 }
```

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

```
.background{ background-color:#251353 }
```

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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