

Converting Colors

Hex(252453)

Have a look what the booklet for
Hex(252453) contains.

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Color

Hex(252453)

Conversions

Conversions Part 1

Format	Color
Hex	252453
RGB	37, 36, 83
RGB Percent	15%, 14%, 33%
CMY	0.8549, 0.8588, 0.6745
CMYK	0.55, 0.57, 0.00, 0.67
HSL	241°, 39%, 23%
HSV	241°, 57%, 33%
XYZ	2.9552, 2.2796, 8.4679
YIQ	41.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

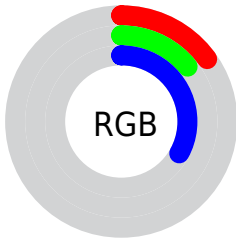
Format	Color
R_{YB}	37, 36, 83
Decimal	2434131
CIE _{Lab}	16.89, 15.45, -28.66
CIE _{LCh}	17, 32.560, 298.330
Yxy	2.2796, 0.2157, 0.1664
Android (android.graphics.Color)	4280624211 (0xFF252453)
YUV	41.6570, 20.3821, -4.0842
Hunter-Lab	15.0983, 8.5152, -22.6838

Details

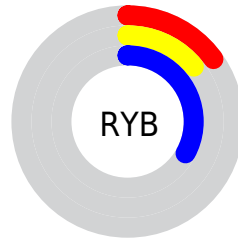
The Hex color **252453** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **525324**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **565185**, and **000126** is the 20% darker color. If you saturate the color by 10%, you get **1D1C53**, and if you desaturate by 10%, it is **2D2C53**.

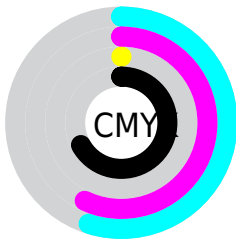
Distribution



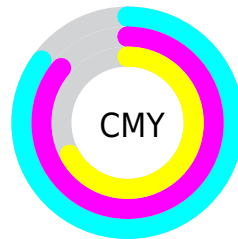
- Red (15%)
- Green (14%)
- Blue (33%)



- Red (15%)
- Yellow (14%)
- Blue (33%)



- Cyan (55%)
- Magenta (57%)
- Yellow (0%)
- Black (67%)



- Cyan (85%)
- Magenta (86%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252453 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 252453 by changing the saturation by 10% instead.

■ 252453

■ 252453

FFFFFF

■ 0B103C

■ 565185

■ 000126

■ 6F699F

■ 00010E

■ 8982BA

■ 000000

■ A49CD6

■ C0B7F3

■ DCD2FF

■ F9EFFF

■ 252453

■ 252453

■ 1D1C53

■ 2D2C53

■ 151353

■ 353553

■ 0D0B53

■ 3D3D53

■ 050353

■ 454553

■ 020053

■ 4E4D53

■ 565653

■ 5E5E53

■ 666653

■ 6E6F53

Harmonies

Analogous

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



002D59



252453



441842

Triad

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



252453



471E00



003428

Complementary

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



252453



525324

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.



00320F



252453



362800

Square

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



252453



511315



202F00



00343F

Rectangle

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



252453



4E1134



202F00



00331F

Sweetspot

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



252453



59596B



245253



2B2B36



B5B5B5



363636

Same Dimension

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



252453



24226B



3C2453



252529



020069



0500E8

Inverse Universe

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



532452



6B226A



3B5324



292529



690066



E800E3

Previews

White Background



This preview shows how the Hex color 252453 looks on a white background.

Color Contrast Check

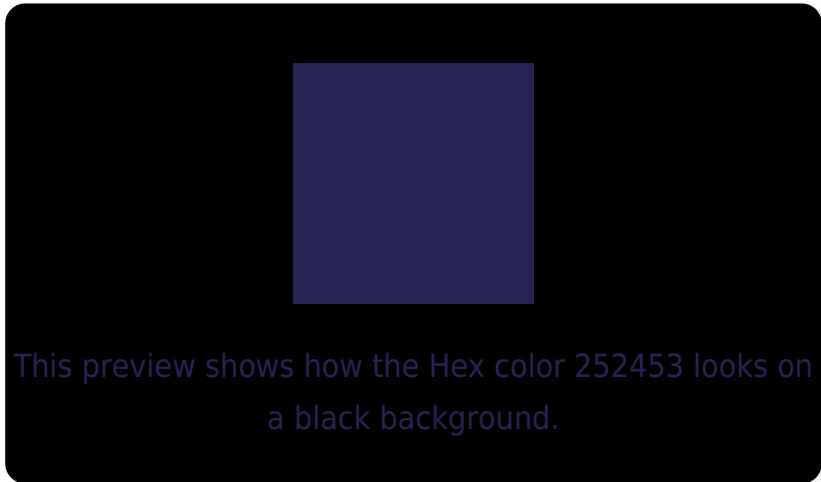
Large Text (above 18pt) WCAG AA ✓ Pass

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

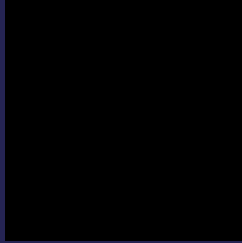
Any Text WCAG AA × Fail

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 252453 Background



This preview shows how black text looks on a background with the Hex color 252453.



This preview shows how white text looks on a background with the Hex color 252453.

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
252453

Protanopia
002856

Deuteranopia
002B4B



Tritanopia
182D31

Trichromacy



Original Color
252453

Protanomaly
0D2755

Deuteranomaly
0D284E

Tritanomaly
1D2A3D

Monochromacy



Original Color
252453

Achromatopsia
2A2A2A

Achromatomaly
282839

CSS Examples

Text

The CSS property to change the color of the text to Hex 252453 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 #252453 looks like.

```
.text, #text, p{  
    color:#252453  
}
```

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 #252453 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252453
}
```

Border

The CSS property to change the border of an element to Hex 252453 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
#252453 }
```

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

```
.border{ border-color:#252453 }
```

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

Here you see how a box with a 4 pixel #252453 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252453; -webkit-box-shadow:4px 4px  
4px 4px #252453; box-shadow:4px 4px 4px  
4px #252453 }
```

Background

The CSS property to change the background color of an element to Hex 252453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252453 }
```

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

```
.background{ background-color:#252453 }
```

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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