

Converting Colors

Hex(235253)

Have a look what the booklet for
Hex(235253) contains.

Hex(235253)	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(235253)

Conversions

Conversions Part 1

Format	Color
Hex	235253
RGB	35, 82, 83
RGB Percent	14%, 32%, 33%
CMY	0.8627, 0.6784, 0.6745
CMYK	0.58, 0.01, 0.00, 0.67
HSL	181°, 41%, 23%
HSV	181°, 58%, 33%
XYZ	5.2718, 7.0164, 9.2601
YIQ	68.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

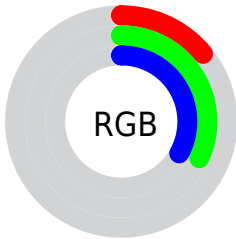
Format	Color
R_{YB}	35, 59, 83
Decimal	2314835
CIE _{Lab}	31.84, -15.54, -5.46
CIE _{LCh}	32, 16.476, 199.362
Yxy	7.0164, 0.2446, 0.3256
Android (android.graphics.Color)	4280504915 (0xFF235253)
YUV	68.0610, 7.3649, -28.9945
Hunter-Lab	26.4886, -10.8299, -2.1850

Details

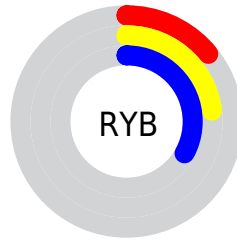
The Hex color **235253** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **532423**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **558484**, and **002526** is the 20% darker color. If you saturate the color by 10%, you get **1B5253**, and if you desaturate by 10%, it is **2B5253**.

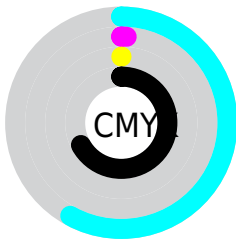
Distribution



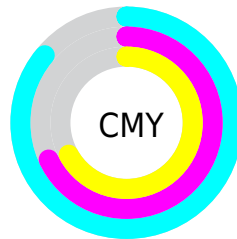
- Red (14%)
- Green (32%)
- Blue (33%)



- Red (14%)
- Yellow (23%)
- Blue (33%)



- Cyan (58%)
- Magenta (1%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235253 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 235253 by changing the saturation by 10% instead.

■ 235253

■ 235253

FFFFFF

■ 063B3C

■ 558484

■ 002526

■ 6F9E9E

■ 000D12

■ 89B9B9

■ 000000

■ A4D4D5

■ BFF1F1

■ DCFFFF

■ F9FFFF

■ 235253

■ 235253

■ 1B5253

■ 2B5253

■ 125253

■ 345253

■ 0A5153

■ 3C5353

■ 025153

■ 445353

■ 005153

■ 4D5353

■ 555353

■ 5D5353

■ 655353

■ 6E5453

Harmonies

Analogous

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



2E5246



235253



25515E

Triad

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



235253



57455C



584932

Complementary

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



235253



532423

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.



614438



235253



614250

Square

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



235253



464963



654243



4B4D32

Rectangle

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



235253



2E4F63



654243



5C4733

Sweetspot

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



235253



596B6B



235324



2B3536



B5B5B5



363636

Same Dimension

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



235253



216A6B



233A53



252929



006669



00E3E8

Inverse Universe

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



532352



6B216A



533C23



292529



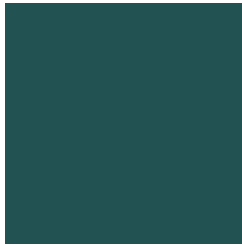
690066



E800E3

Previews

White Background



This preview shows how the Hex color 235253 looks on a white background.

Color Contrast Check

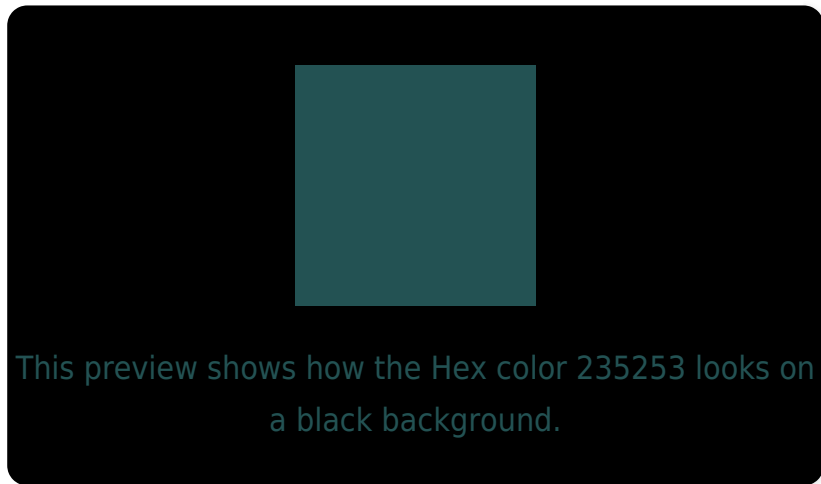
Large Text (above 18pt) WCAG AA ✓ Pass

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

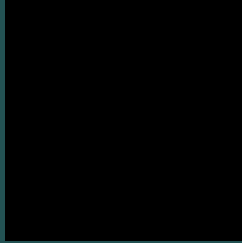
Any Text WCAG AA × Fail

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 235253 Background



This preview shows how black text looks on a background with the Hex color 235253.



This preview shows how white text looks on a background with the Hex color 235253.

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
235253

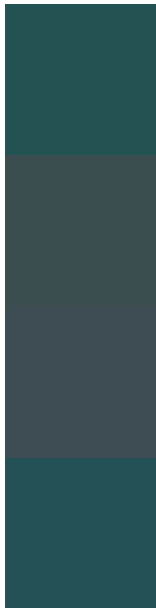
Protanopia
4B4A4E

Deuteranopia
4D4955



Tritanopia
255158

Trichromacy



Original Color
235253

Protanomaly
3C4D50

Deuteranomaly
3E4C54

Tritanomaly
245156

Monochromacy



Original Color
235253

Achromatopsia
444444

Achromatomaly
384949

CSS Examples

Text

The CSS property to change the color of the text to Hex 235253 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 #235253 looks like.

```
.text, #text, p{  
    color:#235253  
}
```

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 #235253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235253
}
```

Border

The CSS property to change the border of an element to Hex 235253 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".

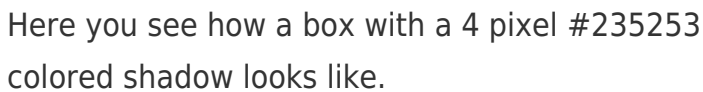
```
.border, #border, table{ border:4px solid
#235253 }
```

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

```
.border{ border-color:#235253 }
```

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

Here you see how a box with a 4 pixel #235253 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235253; -webkit-box-shadow:4px 4px  
4px 4px #235253; box-shadow:4px 4px 4px  
4px #235253 }
```

Background

The CSS property to change the background color of an element to Hex 235253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235253 }
```

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

```
.background{ background-color:#235253 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor