

Converting Colors

Hex(223350)

Have a look what the booklet for
Hex(223350) contains.

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Color

Hex(223350)

Conversions

Conversions Part 1

Format	Color
Hex	223350
RGB	34, 51, 80
RGB Percent	13%, 20%, 31%
CMY	0.8667, 0.8000, 0.6863
CMYK	0.58, 0.36, 0.00, 0.69
HSL	218°, 40%, 22%
HSV	218°, 57%, 31%
XYZ	3.2915, 3.2869, 8.0504
YIQ	49.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

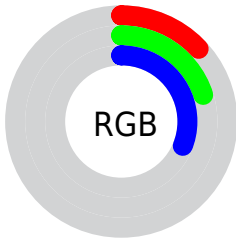
Format	Color
R_{YB}	34, 46, 80
Decimal	2241360
CIE _{Lab}	21.16, 2.81, -19.88
CIE _{LCh}	21, 20.074, 278.048
Yxy	3.2869, 0.2250, 0.2247
Android (android.graphics.Color)	4280431440 (0xFF223350)
YUV	49.2230, 15.1731, -13.3506
Hunter-Lab	18.1299, 0.6794, -13.6362

Details

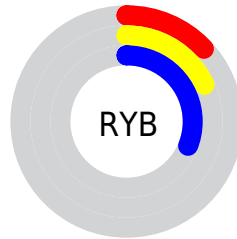
The Hex color **223350** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **503F22**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **526181**, and **000424** is the 20% darker color. If you saturate the color by 10%, you get **1A2E50**, and if you desaturate by 10%, it is **2A3850**.

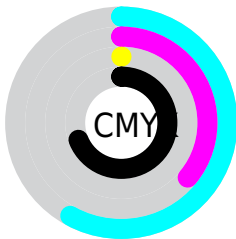
Distribution



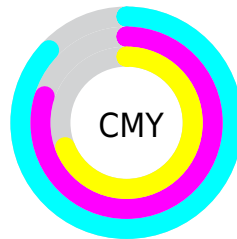
- Red (13%)
- Green (20%)
- Blue (31%)



- Red (13%)
- Yellow (18%)
- Blue (31%)



- Cyan (58%)
- Magenta (36%)
- Yellow (0%)
- Black (69%)



- Cyan (87%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223350 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 223350 by changing the saturation by 10% instead.

■ 223350

■ 223350

FFFFFF

■ 081E39

■ 526181

■ 000424

■ 6B7A9C

■ 00000B

■ 8594B6

■ 000000

■ A0AED2

■ BBC9EE

■ D7E6FF

■ F4FFFF

■ 223350

■ 223350

■ 1A2E50

■ 2A3850

■ 122950

■ 323D50

■ 0A2450

■ 3A4250

■ 021F50

■ 424750

■ 001E50

■ 4A4C50

■ 525150

■ 5A5650

■ 625B50

■ 6A6050

Harmonies

Analogous

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



00374E



223350



392D4A

Triad

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



223350



4D2921



143A27

Complementary

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



223350



503F22

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.



28371B



223350



452E17

Square

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



223350



4F272F



383315



003A36

Rectangle

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



223350



442A43



383315



1C3923

Sweetspot

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



223350



575D69



22503E



2B2F36



B5B5B5



363636

Same Dimension

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



223350



203B69



272250



252629



002769



0056E8

Inverse Universe

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



502233



69203B



4B5022



292526



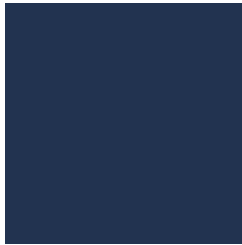
690027



E80056

Previews

White Background



This preview shows how the Hex color 223350 looks on a white background.

Color Contrast Check

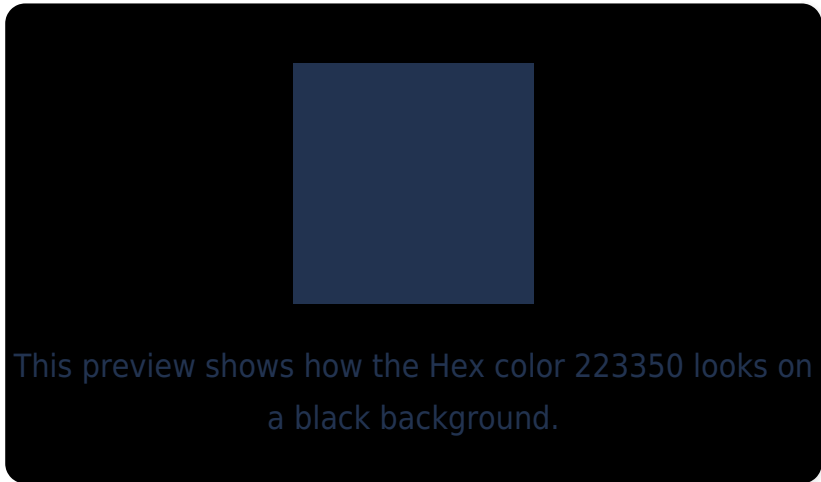
Large Text (above 18pt) WCAG AA ✓ Pass

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

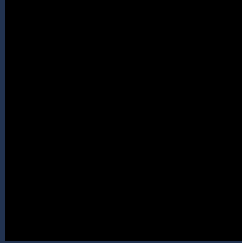
Any Text WCAG AA × Fail

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 223350 Background



This preview shows how black text looks on a background with the Hex color 223350.



This preview shows how white text looks on a background with the Hex color 223350.

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
223350

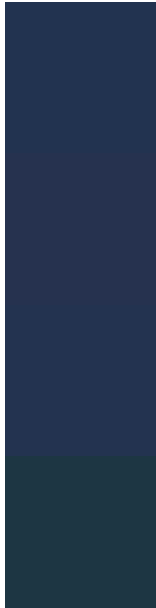
Protanopia
28324F

Deuteranopia
233350



Tritanopia
1A373C

Trichromacy



Original Color
223350

Protanomaly
26324F

Deuteranomaly
233350

Tritanomaly
1D3643

Monochromacy



Original Color
223350

Achromatopsia
313131

Achromatomaly
2C323C

CSS Examples

Text

The CSS property to change the color of the text to Hex 223350 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 #223350 looks like.

```
.text, #text, p{  
    color:#223350  
}
```

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 #223350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223350
}
```

Border

The CSS property to change the border of an element to Hex 223350 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
#223350 }
```

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

```
.border{ border-color:#223350 }
```

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

Here you see how a box with a 4 pixel #223350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223350; -webkit-box-shadow:4px 4px  
4px 4px #223350; box-shadow:4px 4px 4px  
4px #223350 }
```

Background

The CSS property to change the background color of an element to Hex 223350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223350 }
```

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

```
.background{ background-color:#223350 }
```

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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