

Converting Colors

Hex(253A31)

Have a look what the booklet for
Hex(253A31) contains.

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Color

Hex(253A31)

Conversions

Conversions Part 1

Format	Color
Hex	253A31
RGB	37, 58, 49
RGB Percent	15%, 23%, 19%
CMY	0.8549, 0.7725, 0.8078
CMYK	0.36, 0.00, 0.16, 0.77
HSL	154°, 22%, 19%
HSV	154°, 36%, 23%
XYZ	2.8304, 3.6412, 3.4594
YIQ	50.6950, -9.6270, -7.2510

Conversions

Conversions Part 2

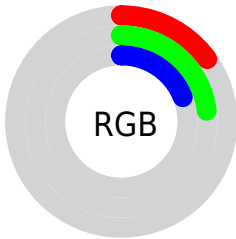
Format	Color
R_{YB}	37, 50, 58
Decimal	2439729
CIE _{Lab}	22.45, -10.74, 2.94
CIE _{LCh}	22, 11.141, 164.673
Yxy	3.6412, 0.2850, 0.3667
Android (android.graphics.Color)	4280629809 (0xFF253A31)
YUV	50.6950, -0.8356, -12.0105
Hunter-Lab	19.0819, -6.9167, 2.6086




Details

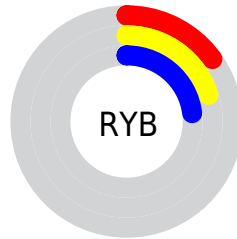
The Hex color **253A31** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3A252E**, and the grayscale version is **333333**.




A 20% lighter version of the original color is **53695F**, and **001001** is the 20% darker color. If you saturate the color by 10%, you get **1F3A2F**, and if you desaturate by 10%, it is **2B3A33**.

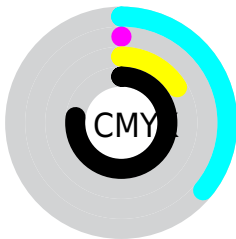
Distribution







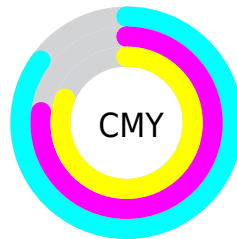
-  Red (15%)
-  Green (23%)
-  Blue (19%)






-  Red (15%)
-  Yellow (20%)
-  Blue (23%)



-  Cyan (36%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (77%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253A31 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 253A31 by changing the saturation by 10% instead.

■ 253A31

■ 253A31

FFFFFF

■ 10241C

■ 53695F

■ 001001

■ 6B8278

■ 000000

■ 849C91

■ 9FB7AC

■ BAD3C7

■ D5EFE3

■ F2FFFF

■ 253A31

■ 253A31

■ 1F3A2F

■ 2B3A33

■ 193A2C

■ 313A36

■ 143A2A

■ 363A38

■ 0E3A27

■ 3C3A3B

■ 083A25

■ 423A3D

■ 023A22

■ 483A40

■ 003A21

■ 4E3A42

■ 533A45

■ 593A47

Harmonies

Analogous

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



2E392A



253A31



1E3A3A

Triad

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



253A31



313546



45312A

Complementary

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



253A31



3A252E

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.



473032



253A31



3C3241

Square

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



253A31



263845



43303A



403426

Rectangle

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



253A31



1D3A3F



43303A



46302D

Sweetspot

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



253A31



444D49



2E3A25



212624



A6A6A6



262626

Same Dimension

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



253A31



2C4D3E



25393A



191C1B



005C34



00DB7D

Inverse Universe

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



3A252E



4D2C3A



3A2625



1C191A



5C0027



DB005E

Previews

White Background



This preview shows how the Hex color 253A31 looks on a white background.

Color Contrast Check

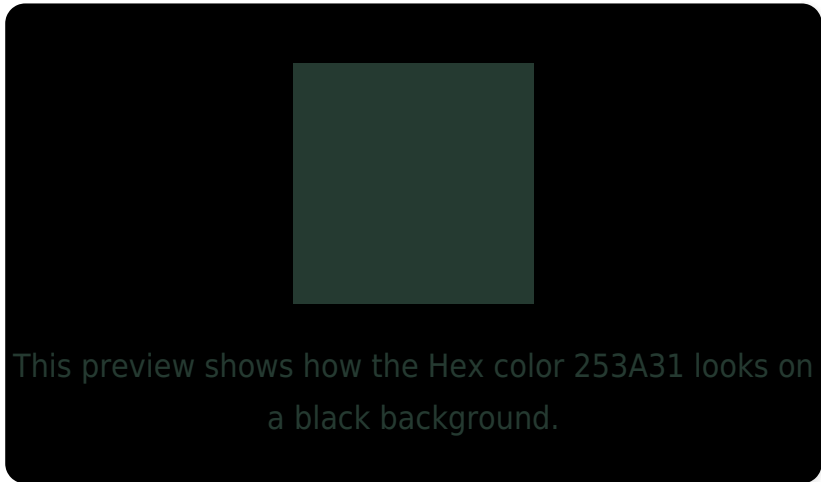
Large Text (above 18pt) WCAG AA ✓ Pass

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

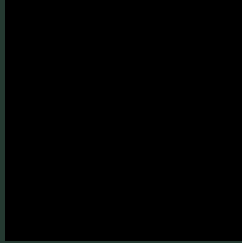
Any Text WCAG AA × Fail

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 253A31 Background



This preview shows how black text looks on a background with the Hex color 253A31.



This preview shows how white text looks on a background with the Hex color 253A31.

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](#).

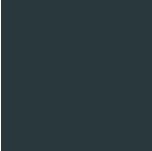
Dichromacy



Original Color
253A31

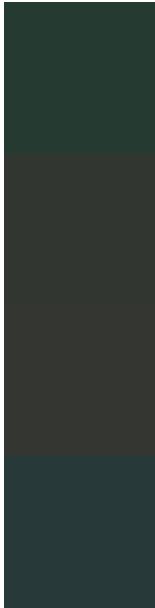
Protanopia
38352F

Deuteranopia
3C3432



Tritanopia
28383D

Trichromacy



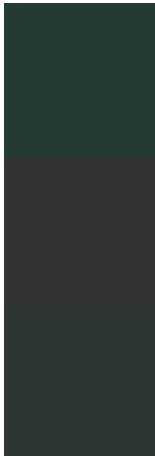
Original Color
253A31

Protanomaly
313730

Deuteranomaly
343632

Tritanomaly
273939

Monochromacy



Original Color
253A31

Achromatopsia
333333

Achromatomaly
2E3632

CSS Examples

Text

The CSS property to change the color of the text to Hex 253A31 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 #253A31 looks like.

```
.text, #text, p{  
    color:#253A31  
}
```

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 #253A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253A31
}
```

Border

The CSS property to change the border of an element to Hex 253A31 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
#253A31 }
```

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

```
.border{ border-color:#253A31 }
```

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

Here you see how a box with a 4 pixel #253A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253A31; -webkit-box-shadow:4px 4px  
4px 4px #253A31; box-shadow:4px 4px 4px  
4px #253A31 }
```

Background

The CSS property to change the background color of an element to Hex 253A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253A31 }
```

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

```
.background{ background-color:#253A31 }
```

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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