

Converting Colors

Hex(253726)

Have a look what the booklet for
Hex(253726) contains.

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Color

Hex(253726)

Conversions

Conversions Part 1

Format	Color
Hex	253726
RGB	37, 55, 38
RGB Percent	15%, 22%, 15%
CMY	0.8549, 0.7843, 0.8510
CMYK	0.33, 0.00, 0.31, 0.78
HSL	123°, 20%, 18%
HSV	123°, 33%, 22%
XYZ	2.4790, 3.2656, 2.3334
YIQ	47.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

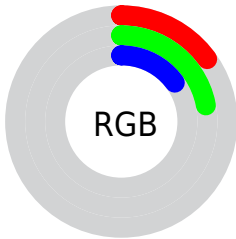
Format	Color
RYB	37, 54, 55
Decimal	2438950
CIELab	21.08, -11.54, 8.37
CIELCh	21, 14.257, 144.028
Yxy	3.2656, 0.3069, 0.4043
Android (android.graphics.Color)	4280629030 (0xFF253726)
YUV	47.6800, -4.7722, -9.3664
Hunter-Lab	18.0711, -7.1377, 4.9940

Details

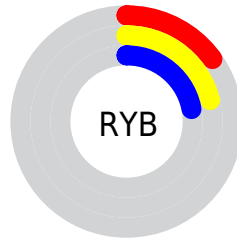
The Hex color **253726** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **372536**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **526653**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **203721**, and if you desaturate by 10%, it is **2B372B**.

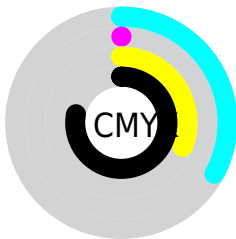
Distribution



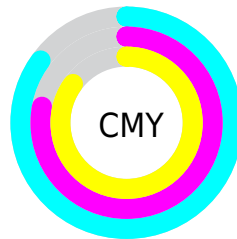
- Red (15%)
- Green (22%)
- Blue (15%)



- Red (15%)
- Yellow (21%)
- Blue (22%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (78%)



- Cyan (85%)
- Magenta (78%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253726 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 253726 by changing the saturation by 10% instead.

■ 253726

■ 253726

FFFFFF

■ 102111

■ 526653

■ 000700

■ 6B7F6B

■ 000000

■ 849984

■ 9EB49E

■ B9CFB9

■ D5ECD5

■ F1FFF1

■ 253726

■ 253726

■ 203721

■ 2B372B

■ 1A371C

■ 303730

■ 143716

■ 363736

■ 0F3711

■ 3B373B

■ 0A370C

■ 413740

■ 043707

■ 463745

■ 003703

■ 4C374A

■ 513750

■ 573755

Harmonies

Analogous

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



31351F



253726



183830

Triad

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



253726



213447



472B2B

Complementary

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



253726



372536

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.



462B35



253726



313146

Square

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



253726



123743



3E2D3F



442E22

Rectangle

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



253726



113837



3E2D3F



472B2E

Sweetspot

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



253726



404741



363725



1F2420



A3A3A3



242424

Same Dimension

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



253726



2C472D



25372F



191C19



005C05



00DB0C

Inverse Universe

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



372536



472C46



37252D



1C191C



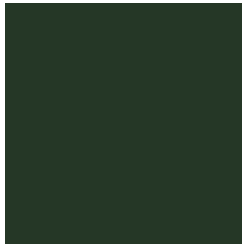
5C0057



DB00CF

Previews

White Background



This preview shows how the Hex color 253726 looks on a white background.

Color Contrast Check

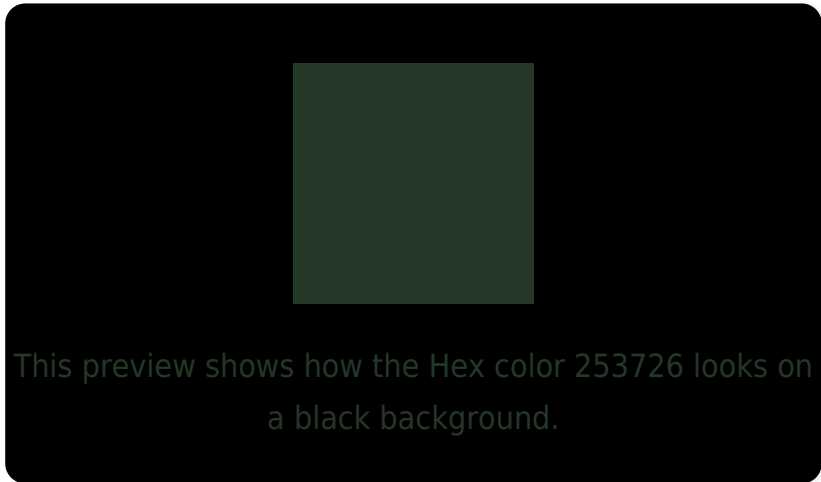
Large Text (above 18pt) WCAG AA ✓ Pass

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

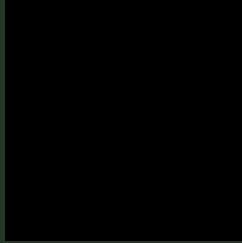
Any Text WCAG AA × Fail

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 253726 Background



This preview shows how black text looks on a background with the Hex color 253726.



This preview shows how white text looks on a background with the Hex color 253726.

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
253726

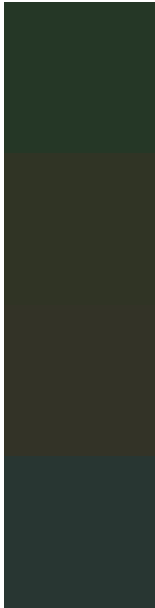
Protanopia
363324

Deuteranopia
3B3127



Tritanopia
293539

Trichromacy



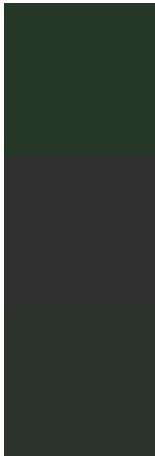
Original Color
253726

Protanomaly
303425

Deuteranomaly
333327

Tritanomaly
283632

Monochromacy



Original Color
253726

Achromatopsia
303030

Achromatomaly
2C332C

CSS Examples

Text

The CSS property to change the color of the text to Hex 253726 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 #253726 looks like.

```
.text, #text, p{  
    color:#253726  
}
```

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 #253726 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253726
}
```

Border

The CSS property to change the border of an element to Hex 253726 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".

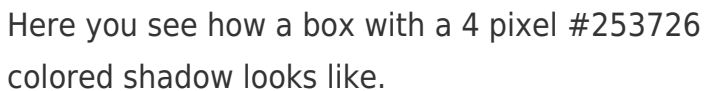
```
.border, #border, table{ border:4px solid
#253726 }
```

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

```
.border{ border-color:#253726 }
```

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

Here you see how a box with a 4 pixel #253726 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 #253726; -webkit-box-shadow:4px 4px  
4px 4px #253726; box-shadow:4px 4px 4px  
4px #253726 }
```

Background

The CSS property to change the background color of an element to Hex 253726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253726 }
```

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

```
.background{ background-color:#253726 }
```

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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