

Converting Colors

Hex(25413B)

Have a look what the booklet for
Hex(25413B) contains.

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Color

Hex(25413B)

Conversions

Conversions Part 1

Format	Color
Hex	25413B
RGB	37, 65, 59
RGB Percent	15%, 25%, 23%
CMY	0.8549, 0.7451, 0.7686
CMYK	0.43, 0.00, 0.09, 0.75
HSL	167°, 27%, 20%
HSV	167°, 43%, 25%
XYZ	3.4427, 4.4897, 4.8228
YIQ	55.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

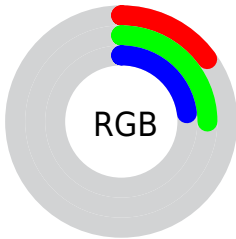
Format	Color
R_{YB}	37, 53, 65
Decimal	2441531
CIE _{Lab}	25.23, -12.28, 0.32
CIE _{LCh}	25, 12.280, 178.508
Yxy	4.4897, 0.2699, 0.3520
Android (android.graphics.Color)	4280631611 (0xFF25413B)
YUV	55.9440, 1.5066, -16.6139
Hunter-Lab	21.1889, -8.0787, 1.3371

Details

The Hex color **25413B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **41252B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **53716A**, and **001710** is the 20% darker color. If you saturate the color by 10%, you get **1F413A**, and if you desaturate by 10%, it is **2C413C**.

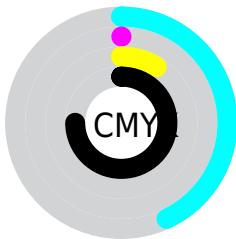
Distribution



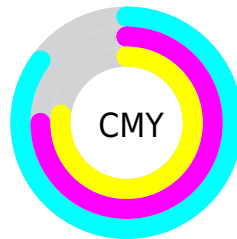
- Red (15%)
- Green (25%)
- Blue (23%)



- Red (15%)
- Yellow (21%)
- Blue (25%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25413B 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 25413B by changing the saturation by 10% instead.

■ 25413B

■ 25413B

FFFFFF

■ 0F2B25

■ 53716A

■ 001710

■ 6C8A83

■ 000000

■ 86A59D

■ A0C0B8

■ BBDCD4

■ D7F8F0

■ F4FFFF

■ 25413B

■ 25413B

■ 1F413A

■ 2C413C

■ 184138

■ 32413E

■ 124137

■ 39413F

■ 0B4135

■ 3F4141

■ 054134

■ 464142

■ 004133

■ 4C4143

■ 534145

■ 594146

■ 604148

Harmonies

Analogous

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



2F4032



25413B



204144

Triad

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



25413B



3D3A4C



4B382C

Complementary

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



25413B



41252B

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.



4F3633



25413B



473746

Square

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



25413B



303D4E



4E353D



433B29

Rectangle

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



25413B



224049



4E353D



4C372E

Sweetspot

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



25413B



495452



2B4125



242B2A



ABABAB



2B2B2B

Same Dimension

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



25413B



28544B



253941



1E2120



00614C



00E0B0

Inverse Universe

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



41252B



542832



412D25



211E1F



610015



E00030

Previews

White Background



This preview shows how the Hex color 25413B looks on a white background.

Color Contrast Check

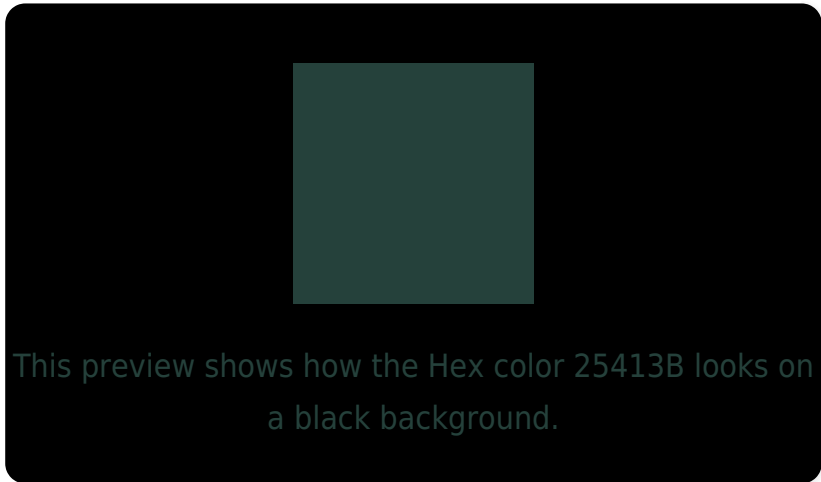
Large Text (above 18pt) WCAG AA ✓ Pass

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

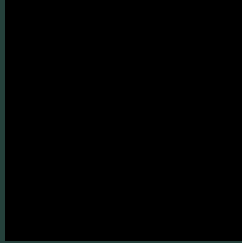
Any Text WCAG AA × Fail

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 25413B Background



This preview shows how black text looks on a background with the Hex color 25413B.



This preview shows how white text looks on a background with the Hex color 25413B.

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
25413B

Protanopia
3E3B38

Deuteranopia
413A3D



Tritanopia
284045

Trichromacy



Original Color
25413B

Protanomaly
353D39

Deuteranomaly
373D3C

Tritanomaly
274041

Monochromacy



Original Color
25413B

Achromatopsia
383838

Achromatomaly
313B39

CSS Examples

Text

The CSS property to change the color of the text to Hex 25413B 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 #25413B looks like.

```
.text, #text, p{  
    color:#25413B  
}
```

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 #25413B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25413B
}
```

Border

The CSS property to change the border of an element to Hex 25413B 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
#25413B }
```

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

```
.border{ border-color:#25413B }
```

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

Here you see how a box with a 4 pixel #25413B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25413B; -webkit-box-shadow:4px 4px  
4px 4px #25413B; box-shadow:4px 4px 4px  
4px #25413B }
```

Background

The CSS property to change the background color of an element to Hex 25413B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25413B }
```

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

```
.background{ background-color:#25413B }
```

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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