

Converting Colors

Decimal(2375213)

Have a look what the booklet for
Decimal(2375213) contains.

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Color

Decimal(2375213)

Conversions

Conversions Part 1

Format	Color
Hex	243E2D
RGB	36, 62, 45
RGB Percent	14%, 24%, 18%
CMY	0.8588, 0.7569, 0.8235
CMYK	0.42, 0.00, 0.27, 0.76
HSL	141°, 27%, 19%
HSV	141°, 42%, 24%
XYZ	2.9238, 4.0098, 3.1025
YIQ	52.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

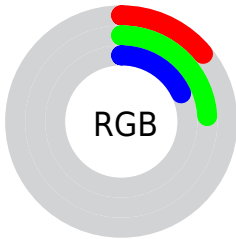
Format	Color
R_{YB}	36, 55, 62
Decimal	2375213
CIE Lab	23.70, -14.47, 7.37
CIE LCh	24, 16.239, 153.016
Yxy	4.0098, 0.2913, 0.3995
Android (android.graphics.Color)	4280565293 (0xFF243E2D)
YUV	52.2880, -3.5930, -14.2846
Hunter-Lab	20.0244, -8.9794, 4.8310

Details

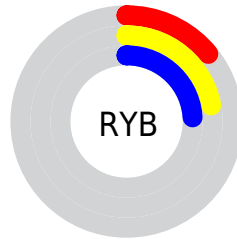
The Decimal color **2375213** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4072501**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5402203**, and **5376** is the 20% darker color. If you saturate the color by 10%, you get **1981993**, and if you desaturate by 10%, it is **2768433**.

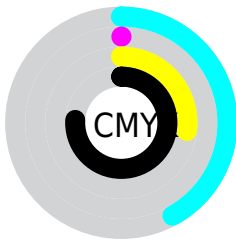
Distribution



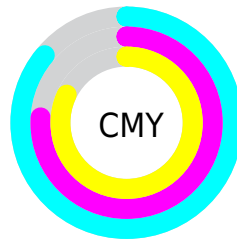
- Red (14%)
- Green (24%)
- Blue (18%)



- Red (14%)
- Yellow (22%)
- Blue (24%)



- Cyan (42%)
- Magenta (0%)
- Yellow (27%)
- Black (76%)



- Cyan (86%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2375213 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 Decimal color 2375213 by changing the saturation by 10% instead.

■ 2375213

■ 2375213

16777215

■ 927768

■ 5402203

■ 5376

■ 6981491

■ 0

■ 8692109

■ 10402983

■ 12179650

■ 14022110

■ 15859707

■ 2375213

■ 2375213

■ 1981993

■ 2768433

■ 1588773

■ 3161653

■ 1130017

■ 3620409

■ 736797

■ 4013629

■ 343577

■ 4406849

■ 15893

■ 4800069

■ 5193289

■ 5652045

■ 6045265

Harmonies

Analogous

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



3292196



2375213



1392441

Triad

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



2375213



2701649



5255212

Complementary

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



2375213



4072501

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.



5254968



2375213



3945805

Square

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



2375213



1457486



4796740



4863011

Rectangle

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



2375213



802625



4796740



5255216

Sweetspot

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



2375213



4674123



3489316



2238757



11053224



2697513

Same Dimension

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



2375213



2708023



2375226



1842973



24097



56909

Inverse Universe

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



4072501



5384515



4072488



2038814



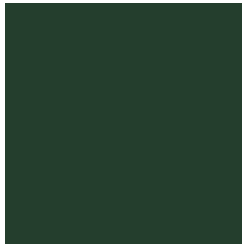
6160446



14549137

Previews

White Background



This preview shows how the Decimal color 2375213 looks on a white background.

Color Contrast Check

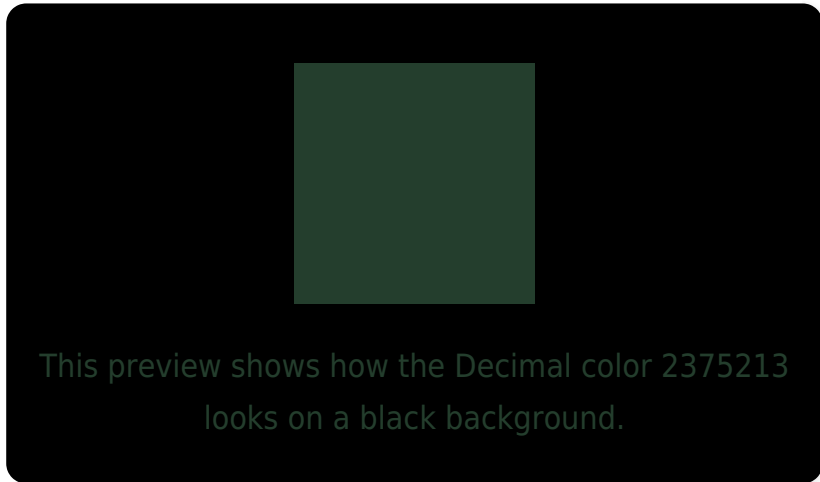
Large Text (above 18pt) WCAG AA ✓ Pass

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

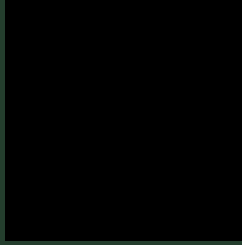
Any Text WCAG AA × Fail

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](#).

Decimal 2375213 Background



This preview shows how black text looks on a background with the Decimal color 2375213.

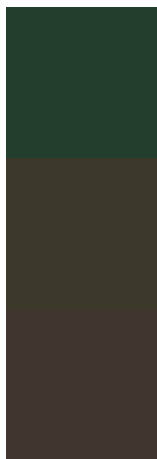


This preview shows how white text looks on a background with the Decimal color 2375213.

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](#).

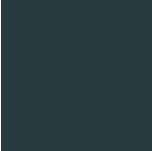
Dichromacy



Original Color
2375213

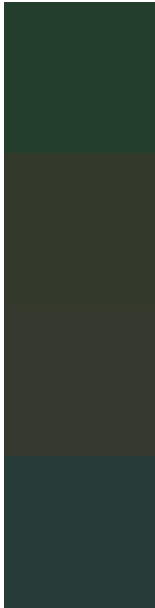
Protanopia
3946538

Deuteranopia
4273711



Tritanopia
2636608

Trichromacy



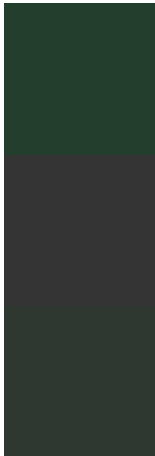
Original Color
2375213

Protanomaly
3357227

Deuteranomaly
3553582

Tritanomaly
2571321

Monochromacy



Original Color
2375213

Achromatopsia
3421236

Achromatomaly
3029041

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2375213 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 #243E2D looks like.

```
.text, #text, p{  
    color:#243E2D  
}
```

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 #243E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243E2D
}
```

Border

The CSS property to change the border of an element to Decimal 2375213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

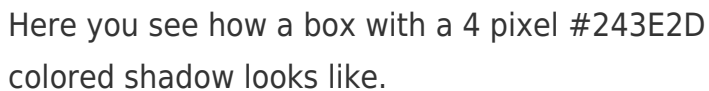
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243E2D }
```

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

```
.border{ border-color:#243E2D }
```

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



Here you see how a box with a 4 pixel #243E2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243E2D; -webkit-box-shadow:4px 4px  
4px 4px #243E2D; box-shadow:4px 4px 4px  
4px #243E2D }
```

Background

The CSS property to change the background color of an element to Decimal 2375213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243E2D }
```

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

```
.background{ background-color:#243E2D }
```

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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