

Converting Colors

Decimal(2436906)

Have a look what the booklet for
Decimal(2436906) contains.

Decimal(2436906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2436906)

Conversions

Conversions Part 1

Format	Color
Hex	252F2A
RGB	37, 47, 42
RGB Percent	15%, 18%, 16%
CMY	0.8549, 0.8157, 0.8353
CMYK	0.21, 0.00, 0.11, 0.82
HSL	150°, 12%, 16%
HSV	150°, 21%, 18%
XYZ	2.1974, 2.5935, 2.5753
YIQ	43.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

Format	Color
RYB	37, 44, 47
Decimal	2436906
CIELab	18.34, -5.56, 1.79
CIElCh	18, 5.845, 162.155
Yxy	2.5935, 0.2983, 0.3521
Android (android.graphics.Color)	4280626986 (0xFF252F2A)
YUV	43.4400, -0.7099, -5.6479
Hunter-Lab	16.1044, -3.8270, 1.7919

Details

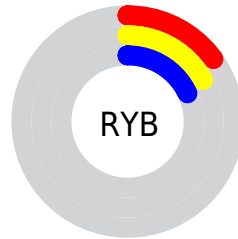
The Decimal color **2436906** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3089706**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **5397847**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **2109224**, and if you desaturate by 10%, it is **2764588**.

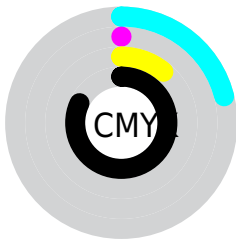
Distribution



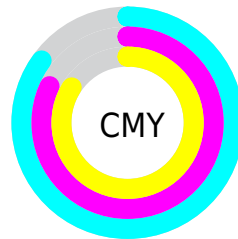
- Red (15%)
- Green (18%)
- Blue (16%)



- Red (15%)
- Yellow (17%)
- Blue (18%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (82%)



- Cyan (85%)
- Magenta (82%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2436906 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 2436906 by changing the saturation by 10% instead.

■ 2436906

■ 2436906

16777215

■ 1120790

■ 5397847

■ 0

■ 6976880

■ 8621961

■ 10332835

■ 12109246

■ 13951450

■ 15793655

■ 2436906

■ 2436906

■ 2109224

■ 2764588

■ 1847077

■ 3026735

■ 1519395

■ 3354417

■ 1191713

■ 3682099

■ 929566

■ 4009782

■ 601884

■ 4271928

■ 274202

■ 4599610

■ 12055

■ 4927293

■ 5189439

Harmonies

Analogous

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



2698790



2436906



2240302

Triad

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



2436906



2763829



3484199

Complementary

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



2436906



3089706

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.



3549739



2436906



3156787

Square

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



2436906



2436661



3418671



3288101

Rectangle

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



2436906



2240305



3418671



3549736

Sweetspot

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



2436906



3816763



2764581



1842974



10395294



2039583

Same Dimension

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



2436906



2964789



2436911



1382166



22315



54891

Inverse Universe

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



3089706



4009269



3089701



1512726



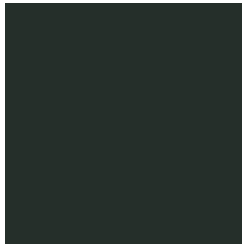
5701675



14024811

Previews

White Background



This preview shows how the Decimal color 2436906 looks on a white background.

Color Contrast Check

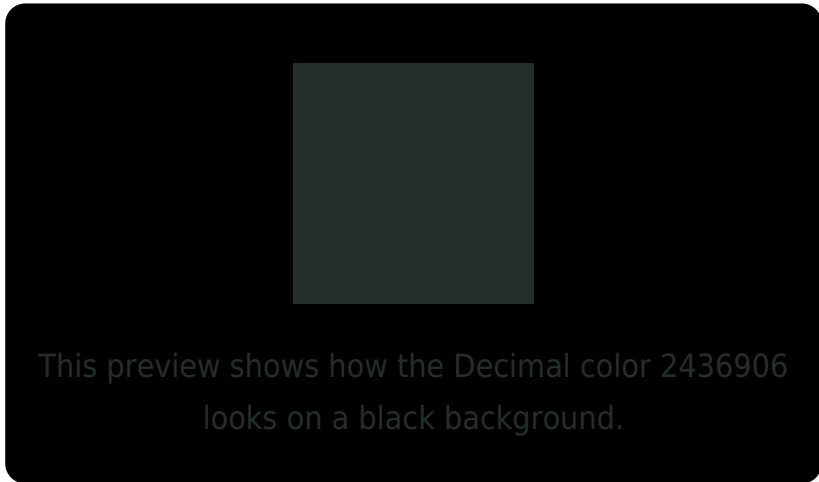
Large Text (above 18pt) WCAG AA ✓ Pass

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

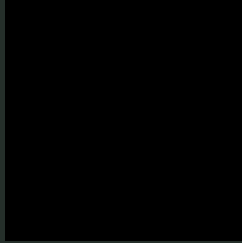
Any Text WCAG AA × Fail

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 2436906 Background



This preview shows how black text looks on a background with the Decimal color 2436906.

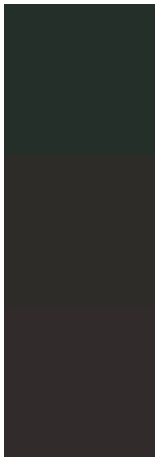


This preview shows how white text looks on a background with the Decimal color 2436906.

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

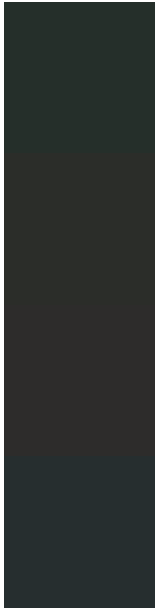


Original Color
2436906

Protanopia
3025961

Deuteranopia
3287851

Trichromacy



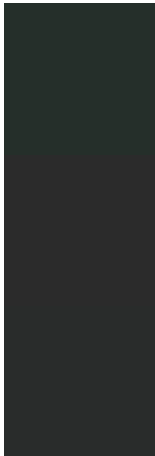
Original Color
2436906

Protanomaly
2829609

Deuteranomaly
2960427

Tritanomaly
2502191

Monochromacy



Original Color
2436906

Achromatopsia
2829099

Achromatomaly
2698283

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2436906 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 #252F2A looks like.

```
.text, #text, p{  
  color:#252F2A  
}
```

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 #252F2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252F2A
}
```

Border

The CSS property to change the border of an element to Decimal 2436906 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
#252F2A }
```

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

```
.border{ border-color:#252F2A }
```

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

Here you see how a box with a 4 pixel #252F2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252F2A; -webkit-box-shadow:4px 4px  
4px 4px #252F2A; box-shadow:4px 4px 4px  
4px #252F2A }
```

Background

The CSS property to change the background color of an element to Decimal 2436906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252F2A }
```

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

```
.background{ background-color:#252F2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor