

Converting Colors

Decimal(2173476)

Have a look what the booklet for
Decimal(2173476) contains.

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Color

Decimal(2173476)

Conversions

Conversions Part 1

Format	Color
Hex	212A24
RGB	33, 42, 36
RGB Percent	13%, 16%, 14%
CMY	0.8706, 0.8353, 0.8588
CMYK	0.21, 0.00, 0.14, 0.84
HSL	140°, 12%, 15%
HSV	140°, 21%, 16%
XYZ	1.7736, 2.1066, 1.9822
YIQ	38.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

Format	Color
R_{YB}	33, 40, 42
Decimal	2173476
CIE Lab	16.04, -5.47, 2.62
CIE LCh	16, 6.068, 154.382
Yxy	2.1066, 0.3025, 0.3593
Android (android.graphics.Color)	4280363556 (0xFF212A24)
YUV	38.6250, -1.2941, -4.9331
Hunter-Lab	14.5143, -3.5878, 2.0628

Details

The Decimal color **2173476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2760999**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **5068624**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1911329**, and if you desaturate by 10%, it is **2435623**.

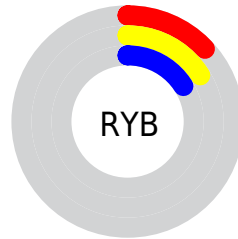
Distribution



Red (13%)

Green (16%)

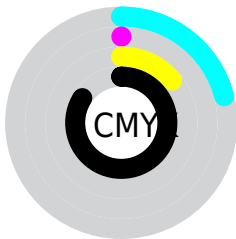
Blue (14%)



Red (13%)

Yellow (16%)

Blue (16%)

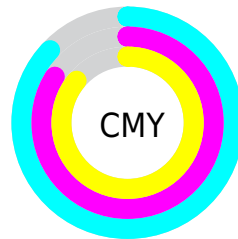


Cyan (21%)

Magenta (0%)

Yellow (14%)

Black (84%)



Cyan (87%)

Magenta (84%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2173476 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 2173476 by changing the saturation by 10% instead.

■ 2173476

■ 2173476

16777215

■ 726543

■ 5068624

■ 0

■ 6647912

■ 8292738

■ 10003356

■ 11779766

■ 13556434

■ 15464430

■ 2173476

■ 2173476

■ 1911329

■ 2435623

■ 1649182

■ 2697770

■ 1321500

■ 3025452

■ 1059353

■ 3287599

■ 797206

■ 3549746

■ 535059

■ 3811893

■ 272912

■ 4074040

■ 10766

■ 4401722

■ 4663869

Harmonies

Analogous

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



2500897



2173476



1911336

Triad

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



2173476



2369584



3220771

Complementary

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



2173476



2760999

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.



3220775



2173476



2697007

Square

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



2173476



2042159



3024172



3089952

Rectangle

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



2173476



1911339



3024172



3220772

Sweetspot

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



2173476



3290675



2566689



1711131



10263708



1842204

Same Dimension

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



2173476



2635308



2173480



1184787



21532



54343

Inverse Universe

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



2760999



3549233



2760995



1315348



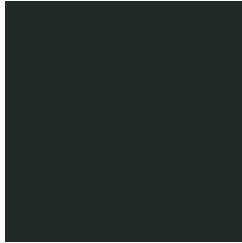
5505080



13893773

Previews

White Background



This preview shows how the Decimal color 2173476 looks on a white background.

Color Contrast Check

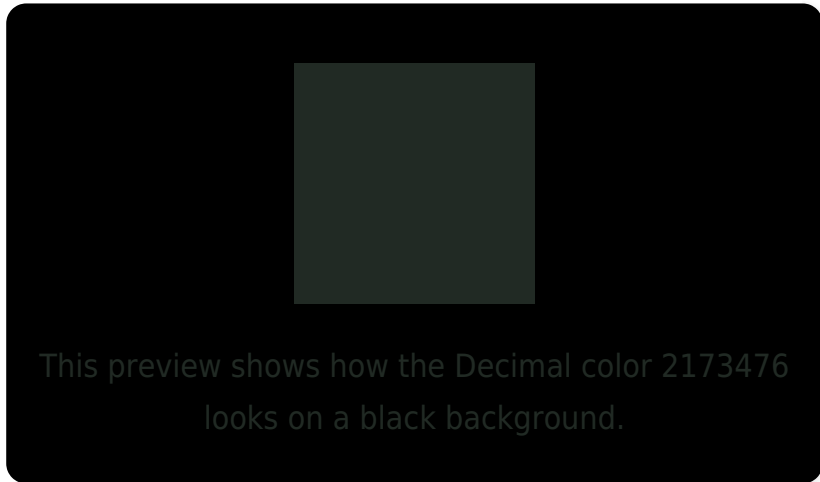
Large Text (above 18pt) WCAG AA ✓ Pass

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

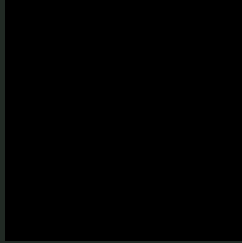
Any Text WCAG AA × Fail

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 2173476 Background



This preview shows how black text looks on a background with the Decimal color 2173476.



This preview shows how white text looks on a background with the Decimal color 2173476.

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](#).

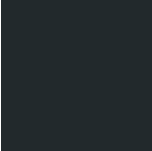
Dichromacy



Original Color
2173476

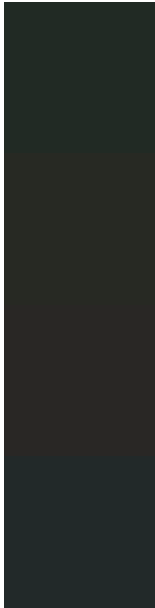
Protanopia
2762787

Deuteranopia
2958885



Tritanopia
2238764

Trichromacy



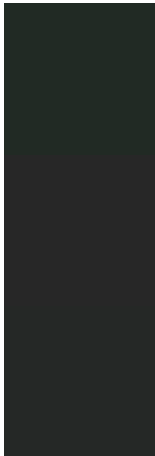
Original Color
2173476

Protanomaly
2566435

Deuteranomaly
2696997

Tritanomaly
2238761

Monochromacy



Original Color
2173476

Achromatopsia
2565927

Achromatomaly
2435110

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2173476 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 #212A24 looks like.

```
.text, #text, p{  
    color:#212A24  
}
```

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 #212A24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212A24
}
```

Border

The CSS property to change the border of an element to Decimal 2173476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

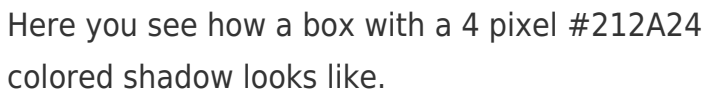
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212A24 }
```

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

```
.border{ border-color:#212A24 }
```

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



Here you see how a box with a 4 pixel #212A24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212A24; -webkit-box-shadow:4px 4px  
4px 4px #212A24; box-shadow:4px 4px 4px  
4px #212A24 }
```

Background

The CSS property to change the background color of an element to Decimal 2173476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212A24 }
```

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

```
.background{ background-color:#212A24 }
```

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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