

Converting Colors

Decimal(2170174)

Have a look what the booklet for
Decimal(2170174) contains.

Decimal(2170174)	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(2170174)

Conversions

Conversions Part 1

Format	Color
Hex	211D3E
RGB	33, 29, 62
RGB Percent	13%, 11%, 24%
CMY	0.8706, 0.8863, 0.7569
CMYK	0.47, 0.53, 0.00, 0.76
HSL	247°, 36%, 18%
HSV	247°, 53%, 24%
XYZ	1.9361, 1.5499, 4.7545
YIQ	33.9580, -8.2090, 11.1110

Conversions

Conversions Part 2

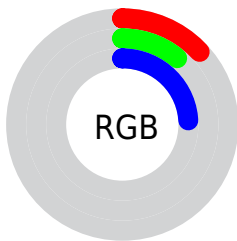
Format	Color
R_{YB}	33, 29, 62
Decimal	2170174
CIE _{Lab}	12.92, 11.89, -20.56
CIE _{LCh}	13, 23.753, 300.036
Yxy	1.5499, 0.2349, 0.1881
Android (android.graphics.Color)	4280360254 (0xFF211D3E)
YUV	33.9580, 13.8247, -0.8402
Hunter-Lab	12.4494, 5.9731, -13.9289

Details

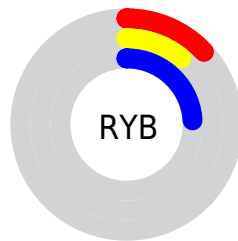
The Decimal color **2170174** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3816989**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **5196142**, and **274** is the 20% darker color. If you saturate the color by 10%, you get **1840958**, and if you desaturate by 10%, it is **2499390**.

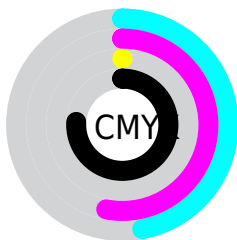
Distribution



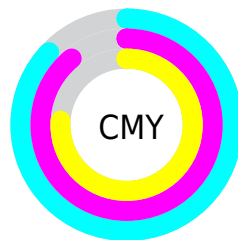
- Red (13%)
- Green (11%)
- Blue (24%)



- Red (13%)
- Yellow (11%)
- Blue (24%)



- Cyan (47%)
- Magenta (53%)
- Yellow (0%)
- Black (76%)



- Cyan (87%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2170174 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 2170174 by changing the saturation by 10% instead.

■ 2170174

■ 2170174

16777215

■ 853032

■ 5196142

■ 274

■ 6840455

■ 0

■ 8485282

■ 10261437

■ 12037593

■ 13814261

■ 15721983

■ 2170174

■ 2170174

■ 1840958

■ 2499390

■ 1446206

■ 2894142

■ 1116734

■ 3223614

■ 721982

■ 3618366

■ 524350

■ 3947582

■ 4342334

■ 4671550

■ 5066558

■ 5395774

Harmonies

Analogous

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



9026



2170174



3479090

Triad

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



2170174



3611136



10529

Complementary

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



2170174



3816989

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.



75792



2170174



2826240

Square

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



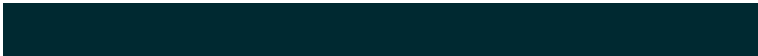
2170174



4068369



1778944



10545

Rectangle

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



2170174



3936808



1778944



10523

Sweetspot

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



2170174



4605266



1915454



2236713



11053224



2697513

Same Dimension

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



2170174



2366802



3218750



1842207



720990



1769694

Inverse Universe

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



4070714



5381451



2768413



2038814



6160467



14549187

Previews

White Background



This preview shows how the Decimal color 2170174 looks on a white background.

Color Contrast Check

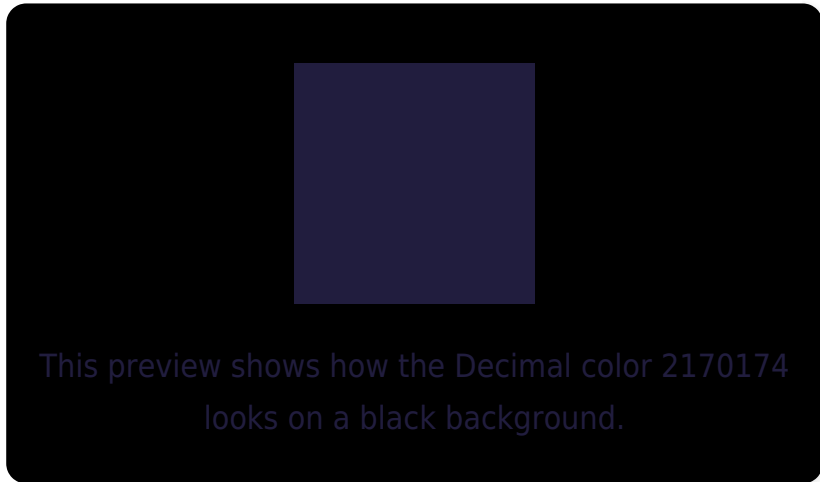
Large Text (above 18pt) WCAG AA ✓ Pass

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

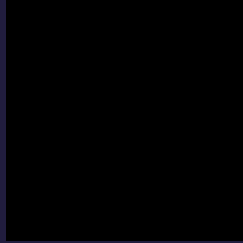
Any Text WCAG AA × Fail

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 2170174 Background



This preview shows how black text looks on a background with the Decimal color 2170174.



This preview shows how white text looks on a background with the Decimal color 2170174.

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](#).

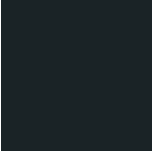
Dichromacy



Original Color
2170174

Protanopia
860482

Deuteranopia
8765



Tritanopia
1712934

Trichromacy



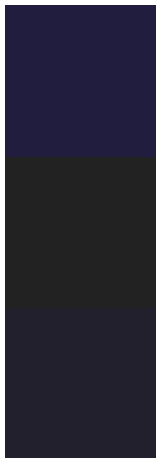
Original Color
2170174

Protanomaly
1318977

Deuteranomaly
794685

Tritanomaly
1909039

Monochromacy



Original Color
2170174

Achromatopsia
2236962

Achromatomaly
2236460

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2170174 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 #211D3E looks like.

```
.text, #text, p{  
    color:#211D3E  
}
```

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 #211D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211D3E
}
```

Border

The CSS property to change the border of an element to Decimal 2170174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

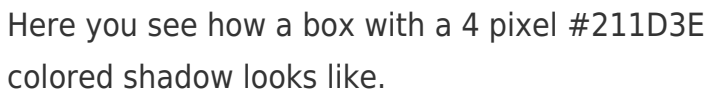
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211D3E }
```

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

```
.border{ border-color:#211D3E }
```

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



Here you see how a box with a 4 pixel #211D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211D3E; -webkit-box-shadow:4px 4px  
4px 4px #211D3E; box-shadow:4px 4px 4px  
4px #211D3E }
```

Background

The CSS property to change the background color of an element to Decimal 2170174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211D3E }
```

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

```
.background{ background-color:#211D3E }
```

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