

Converting Colors

Decimal(2449230)

Have a look what the booklet for
Decimal(2449230) contains.

Decimal(2449230)	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(2449230)

Conversions

Conversions Part 1

Format	Color
Hex	255F4E
RGB	37, 95, 78
RGB Percent	15%, 37%, 31%
CMY	0.8549, 0.6275, 0.6941
CMYK	0.61, 0.00, 0.18, 0.63
HSL	162°, 44%, 26%
HSV	162°, 61%, 37%
XYZ	6.2303, 9.1278, 8.6412
YIQ	75.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

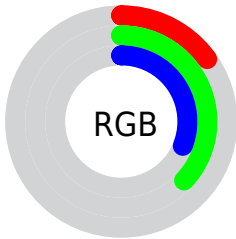
Format	Color
R_{YB}	37, 71, 95
Decimal	2449230
CIE Lab	36.23, -23.52, 4.10
CIE LCh	36, 23.879, 170.107
Yxy	9.1278, 0.2596, 0.3803
Android (android.graphics.Color)	4280639310 (0xFF255F4E)
YUV	75.7200, 1.1240, -33.9574
Hunter-Lab	30.2122, -16.0615, 4.1906

Details

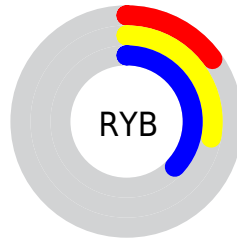
The Decimal color **2449230** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6235446**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5804671**, and **12322** is the 20% darker color. If you saturate the color by 10%, you get **1859403**, and if you desaturate by 10%, it is **3104593**.

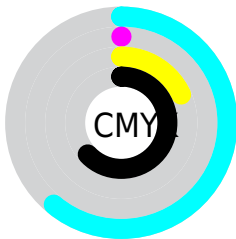
Distribution



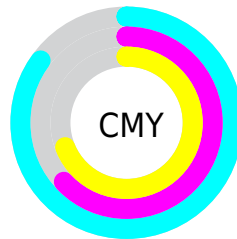
- Red (15%)
- Green (37%)
- Blue (31%)



- Red (15%)
- Yellow (28%)
- Blue (37%)



- Cyan (61%)
- Magenta (0%)
- Yellow (18%)
- Black (63%)



- Cyan (85%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2449230 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 2449230 by changing the saturation by 10% instead.

■ 2449230

■ 2449230

16777215

■ 411447

■ 5804671

■ 12322

■ 7515545

■ 7436

■ 9291956

■ 0

■ 11068623

■ 12845035

■ 14745599

■ 16646143

■ 2449230

■ 2449230

■ 1859403

■ 3104593

■ 1204040

■ 3694420

■ 548678

■ 4349782

■ 24387

■ 4939609

■ 5594972

■ 6184799

■ 6840161

■ 7429988

■ 8085351

Harmonies

Analogous

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



4152636



2449230



155490

Triad

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



2449230



5133177



7686969

Complementary

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



2449230



6235446

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.



8013641



2449230



6769774

Square

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



2449230



2972027



7751516



6771247

Rectangle

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



2449230



24173



7751516



7883069

Sweetspot

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



2449230



6584948



3563301



3161401



12434877



4013373

Same Dimension

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



2449230



2194016



2446175



2895919



28751



61609

Inverse Universe

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



6235446



8003899



6238501



3157037



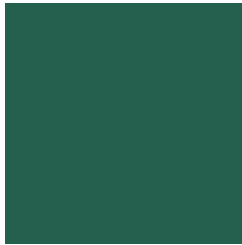
7340065



15728710

Previews

White Background



This preview shows how the Decimal color 2449230 looks on a white background.

Color Contrast Check

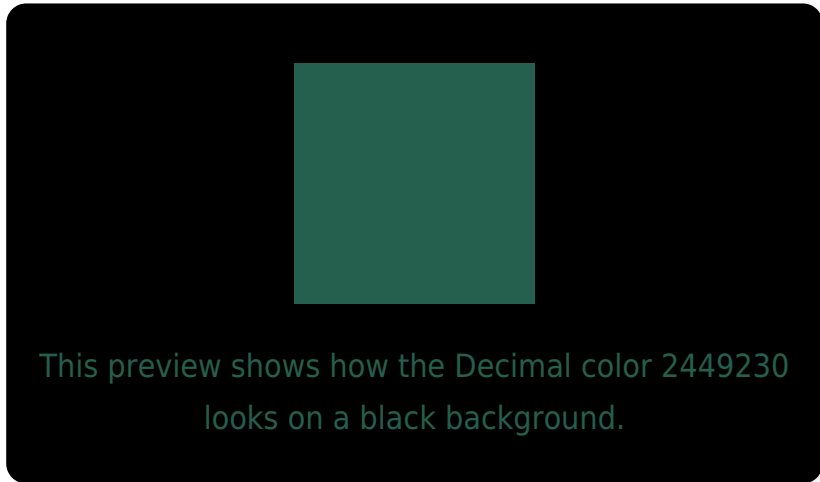
Large Text (above 18pt) WCAG AA ✓ Pass

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

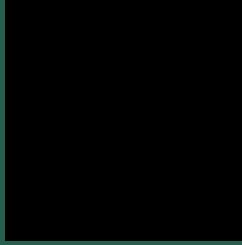
Any Text WCAG AA × Fail

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 2449230 Background



This preview shows how black text looks on a background with the Decimal color 2449230.



This preview shows how white text looks on a background with the Decimal color 2449230.

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

2449230

Protanopia

5854537

Deuteranopia

6246993



Tritanopia
2972771

Trichromacy



Original Color
2449230

Protanomaly
4610379

Deuteranomaly
4872016

Tritanomaly
2776411

Monochromacy



Original Color
2449230

Achromatopsia
5000268

Achromatomaly
4084557

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2449230 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 #255F4E looks like.

```
.text, #text, p{  
  color:#255F4E  
}
```

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 #255F4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255F4E
}
```

Border

The CSS property to change the border of an element to Decimal 2449230 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
#255F4E }
```

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

```
.border{ border-color:#255F4E }
```

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

Here you see how a box with a 4 pixel #255F4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255F4E; -webkit-box-shadow:4px 4px  
4px 4px #255F4E; box-shadow:4px 4px 4px  
4px #255F4E }
```

Background

The CSS property to change the background color of an element to Decimal 2449230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255F4E }
```

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

```
.background{ background-color:#255F4E }
```

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