

# Converting Colors

Decimal(2448719)

Have a look what the booklet for  
Decimal(2448719) contains.

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# Color

**Decimal(2448719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	255D4F
RGB	37, 93, 79
RGB Percent	15%, 36%, 31%
CMY	0.8549, 0.6353, 0.6902
CMYK	0.60, 0.00, 0.15, 0.64
HSL	165°, 43%, 25%
HSV	165°, 60%, 36%
XYZ	6.0886, 8.7865, 8.7722
YIQ	74.6600, -28.8820, -16.2260

# Conversions

## Conversions Part 2

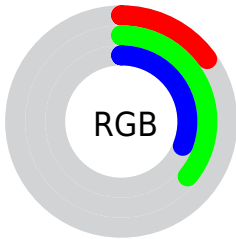
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 69, 93
Decimal	2448719
CIE <sub>Lab</sub>	35.57, -22.22, 2.53
CIE <sub>LCh</sub>	36, 22.367, 173.495
Yxy	8.7865, 0.2575, 0.3716
Android (android.graphics.Color)	4280638799 (0xFF255D4F)
YUV	74.6600, 2.1396, -33.0278
Hunter-Lab	29.6421, -15.2091, 3.2033




# Details

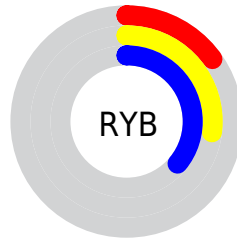
The Decimal color **2448719** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6104371**, and the grayscale version is **4934475**.




A 20% lighter version of the original color is **5804160**, and **11811** is the 20% darker color. If you saturate the color by 10%, you get **1858893**, and if you desaturate by 10%, it is **3038545**.

# Distribution







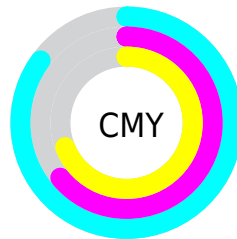
-  Red (15%)
-  Green (36%)
-  Blue (31%)






-  Red (15%)
-  Yellow (27%)
-  Blue (36%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (64%)



-  Cyan (85%)
-  Magenta (64%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2448719 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 2448719 by changing the saturation by 10% instead.





2448719



2448719

16777215



476472



5804160



11811



7514778



7181



9225909



0



11002576



12845037



14680063



16580607



2448719



2448719

■ 1858893

■ 3038545

■ 1203530

■ 3693908

■ 613704

■ 4283734

■ 23878

■ 4873560

■ 5528923

■ 6118749

■ 6708575

■ 7298402

■ 7953764

# Harmonies

## Analogous

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



3955518



2448719



810337

# Triad

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



2448719



5263476



7359288

# Complementary

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



2448719



6104371

# 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.



7817030



2448719



6703721

# Square

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



2448719



3364727



7620184



6508848

# Rectangle

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



2448719



744556



7620184



7555388



# Sweetspot

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



2448719



6453362



3366181



3161402



12434877



4013373



# Same Dimension

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



2448719



2259042



2445149



2698797



28242



60850



# Inverse Universe

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



6104371



7873079



6107941



3025194



7208987

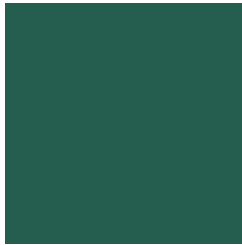


15532091



# Previews

## White Background



This preview shows how the Decimal color 2448719 looks on a white background.

## Color Contrast Check

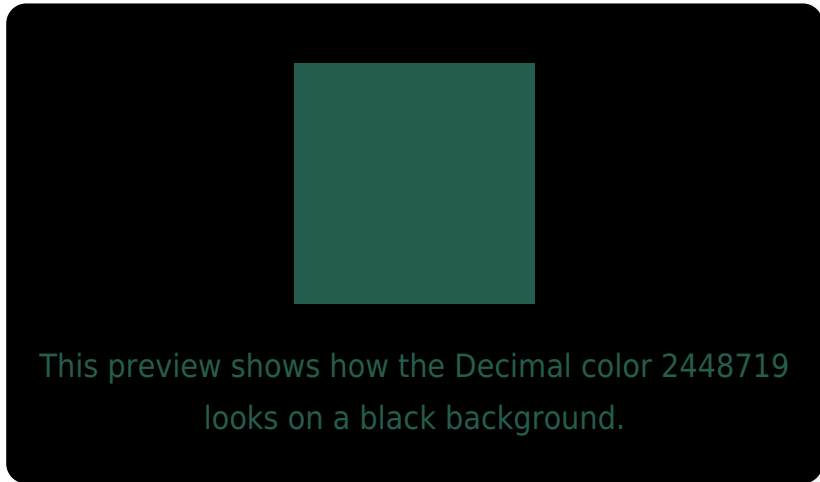
Large Text (above 18pt) WCAG AA ✓ Pass

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

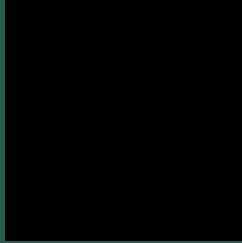
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2448719 Background



This preview shows how black text looks on a background with the Decimal color 2448719.



This preview shows how white text looks on a background with the Decimal color 2448719.

# 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**  
2448719

**Protanopia**  
5722954

**Deuteranopia**  
6050130



# Trichromacy



**Original Color**  
2448719

**Protanomaly**  
4544332

**Deuteranomaly**  
4740433

**Tritanomaly**  
2710363

# Monochromacy



**Original Color**  
2448719

**Achromatopsia**  
4934475

**Achromatomaly**  
4018764

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2448719 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 #255D4F looks like.

```
.text, #text, p{  
  color:#255D4F  
}
```

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 #255D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255D4F
}
```

## Border

The CSS property to change the border of an element to Decimal 2448719 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
#255D4F }
```

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

```
.border{ border-color:#255D4F }
```

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

Here you see how a box with a 4 pixel #255D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255D4F; -webkit-box-shadow:4px 4px  
4px 4px #255D4F; box-shadow:4px 4px 4px  
4px #255D4F }
```

# Background

The CSS property to change the background color of an element to Decimal 2448719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255D4F }
```

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

```
.background{ background-color:#255D4F }
```

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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