

Converting Colors

Decimal(4611417)

Have a look what the booklet for
Decimal(4611417) contains.

Decimal(4611417)	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(4611417)

Conversions

Conversions Part 1

Format	Color
Hex	465D59
RGB	70, 93, 89
RGB Percent	27%, 36%, 35%
CMY	0.7255, 0.6353, 0.6510
CMYK	0.25, 0.00, 0.04, 0.64
HSL	170°, 14%, 32%
HSV	170°, 25%, 36%
XYZ	8.2433, 9.8521, 10.9184
YIQ	85.6670, -12.4240, -6.1200

Conversions

Conversions Part 2

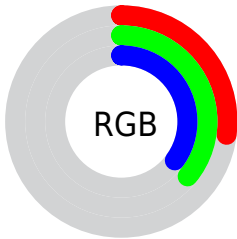
Format	Color
RYB	70, 83, 93
Decimal	4611417
CIELab	37.58, -9.61, -0.55
CIELCh	38, 9.623, 183.249
Yxy	9.8521, 0.2841, 0.3396
Android (android.graphics.Color)	4282801497 (0xFF465D59)
YUV	85.6670, 1.6432, -13.7400
Hunter-Lab	31.3880, -8.0502, 1.3475

Details

The Decimal color **4611417** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6112842**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **7835531**, and **1650476** is the 20% darker color. If you saturate the color by 10%, you get **4021591**, and if you desaturate by 10%, it is **5201243**.

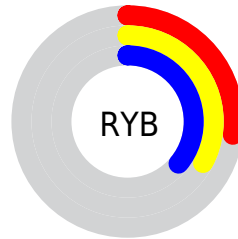
Distribution



Red (27%)

Green (36%)

Blue (35%)



Red (27%)

Yellow (33%)

Blue (36%)

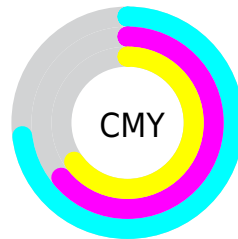


Cyan (25%)

Magenta (0%)

Yellow (4%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4611417 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 4611417 by changing the saturation by 10% instead.

■ 4611417

■ 4611417

16777215

■ 3097922

■ 7835531

■ 1650476

■ 9546405

■ 138007

■ 11257280

■ 0

■ 13099484

■ 14941945

■ 4611417

■ 4611417

■ 4021591

■ 5201243

■ 3366230

■ 5856604

■ 2776404

■ 6446430

■ 2186579

■ 7036255

■ 1596753

■ 7691617

■ 941391

■ 8281443

■ 351566

■ 8871268

■ 23885

■ 9461094

■ 10116456

Harmonies

Analogous

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



5004369



4611417



4480353

Triad

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



4611417



5985893



6641227

Complementary

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



4611417



6112842

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.



6902864



4611417



6509664

Square

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



4611417



5331304



6837080



6182985

Rectangle

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



4611417



4611173



6837080



6706508

Sweetspot

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



4611417



7305334



4873542



3685692



12434877



4013373

Same Dimension

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



4611417



5535858



4609629



2698797



28251



60868

Inverse Universe

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



6112842



7885914



6114630



3025194



7208979



15532073

Previews

White Background



This preview shows how the Decimal color 4611417 looks on a white background.

Color Contrast Check

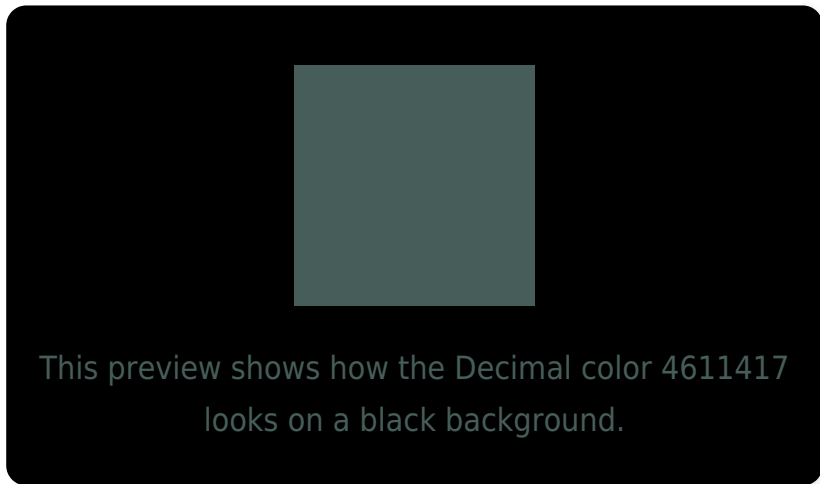
Large Text (above 18pt) WCAG AA ✓ Pass

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

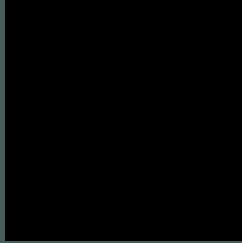
Any Text WCAG AA × Fail

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 4611417 Background



This preview shows how black text looks on a background with the Decimal color 4611417.



This preview shows how white text looks on a background with the Decimal color 4611417.

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

4611417

Protanopia

5920854

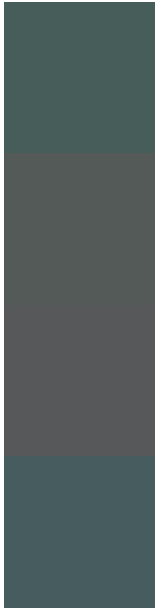
Deuteranopia

6313307



Tritanopia
4742243

Trichromacy



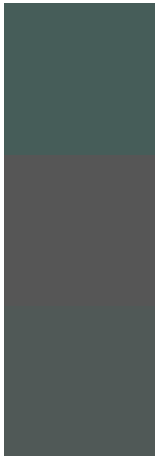
Original Color
4611417

Protanomaly
5462615

Deuteranomaly
5724250

Tritanomaly
4676703

Monochromacy



Original Color
4611417

Achromatopsia
5658198

Achromatomaly
5265751

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4611417 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 #465D59 looks like.

```
.text, #text, p{  
    color:#465D59  
}
```

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 #465D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465D59
}
```

Border

The CSS property to change the border of an element to Decimal 4611417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

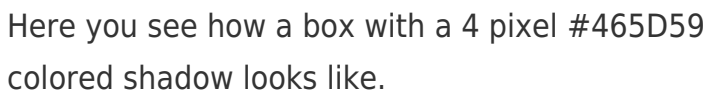
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#465D59 }
```

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

```
.border{ border-color:#465D59 }
```

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



Here you see how a box with a 4 pixel #465D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465D59; -webkit-box-shadow:4px 4px  
4px 4px #465D59; box-shadow:4px 4px 4px  
4px #465D59 }
```

Background

The CSS property to change the background color of an element to Decimal 4611417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465D59 }
```

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

```
.background{ background-color:#465D59 }
```

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